

# FINAL REPORT ADDENDUM

Modeling and Optimization of GEDIT  
For In Situ Contaminant Destruction in the Vadose Zone

ESTCP Project ER-200511

April 2012

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14. ABSTRACT Gaseous electron donor injection technology (GEDIT) involves injection of gaseous electron donors into the soil with the purpose of promoting anaerobic biodegradation of perchlorate. This report describes the application of TMVOC, a vadose zone simulation code developed at Lawrence Berkeley National Laboratory (LBNL), to perform an alternatives and optimization analysis of GEDIT for a demonstration site in California. TMVOC was calibrated to data from a demonstration conducted at the Inactive Rancho Cordova Test Site (IRCTS) in California. A series of optimization runs were conducted to evaluate the effect of horizontal and vertical injection well spacing, gas composition, and gas flow rate on hydrogen, propane, and oxygen transport through the vadose zone. A unifying relationship between a normalized hydrogen concentration and the pneumatic residence time was observed. This empirical relationship was used to explore the effects of design variables on GEDIT cost. For this site, injection hydrogen concentrations of about 10% were found to be more cost-effective than lower concentrations and a horizontal well spacing of 24 meters (80 feet) was theoretically sufficient to meet minimum concentration requirements for hydrogen to ensure perchlorate degradation. Unit GEDIT costs were determined to be less than \$20/m <sup>3</sup> (\$15/yd <sup>3</sup> ) under certain conditions. The first-order rate constant for hydrogen consumption strongly affected the fate and transport of hydrogen and thus the economics. The rate constant is anticipated to be site-specific and thus costs for a given site may not be translatable to other sites. The approach outlined in this report provides a practical approach for determining engineering design parameters and economics at any site.					
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## Acronyms

bgs	Below ground surface
CDM	Camp Dresser & McKee Inc.
cfh	Cubic feet per hour
cfm	Cubic feet per minute
$C^{inj}$	Injection concentrations
$C^{10}$	Concentration associated with 10 <sup>th</sup> percentile
$ClO_4^-$	Perchlorate
$cm^2$	Square centimeters
$cm^2/s$	Square centimeters per second
$CO_2$	Carbon dioxide
cy	Cubic yard
d	Day
DoD	Department of Defense
EPA	U. S. Environmental Protection Agency
ESTCP	Environmental Security Technology Certification Program
ft	Feet
$ft^2$	Square Feet
$ft^3$	Cubic Feet
GEDIT	Gaseous electron donor injection technology
h	Hours
$H_2$	Hydrogen
IRCTS	Boeing Interactive Rancho Cordova Test Site
LBNL	Lawrence Berkley National Laboratory
LPG	Liquefied petroleum gas
$m^3$	Cubic meter
$m^3h^{-1}$	Cubic meter per hour
MCL	Maximum contaminant level
Min	Minutes
msl	Mean sea level
$N_2$	Nitrogen
NA	Not applicable
NCG	Non-condensable gas
ND	Non-detect
No.	Number
$NO_3^-$	Nitrate
$O_2$	Oxygen
PBA	Propellant burn area
Pr	Propane
$Q_i$	Flow rate of gas <i>i</i> at standard conditions
$r^2$	Square of the correlation coefficient
ROI	Radius of influence
U.S. EPA	U. S. Environmental Protection Agency
USGS	U. S. Geological Survey
VOC	Volatile organic compound

## EXECUTIVE SUMMARY

Gaseous electron donor injection technology (GEDIT) involves injection of gaseous electron donors into the soil with the purpose of promoting anaerobic biodegradation of perchlorate to water and chloride ion. This report describes the application of TMVOC, a vadose zone simulation code developed at Lawrence Berkeley National Laboratory (LBNL), to perform an alternatives and optimization analysis of GEDIT for a demonstration site in California. TMVOC was calibrated to data from a demonstration conducted at the Inactive Rancho Cordova Test Site (IRCTS) in California. A series of optimization runs were conducted to evaluate the effect of horizontal and vertical injection well spacing, gas composition, and gas flow rate on hydrogen, propane, and oxygen transport through the vadose zone. A unifying relationship between a normalized hydrogen concentration and the pneumatic residence time was observed. This empirical relationship was used to explore the effects of design variables on GEDIT cost. For this site, injection hydrogen concentrations of about 10% were found to be more cost-effective than lower concentrations and a horizontal well spacing of 24 meters (80 feet) was theoretically sufficient to meet minimum concentration requirements for hydrogen to ensure perchlorate degradation. Unit GEDIT costs were determined to be less than \$20/m<sup>3</sup> (\$15/yd<sup>3</sup>) under certain conditions. The first-order rate constant for hydrogen consumption strongly affected the fate and transport of hydrogen and thus the economics. The rate constant is anticipated to be site-specific and thus costs for a given site may not be translatable to other sites. The approach outlined in this report provides a practical approach for determining engineering design parameters and economics at any site.

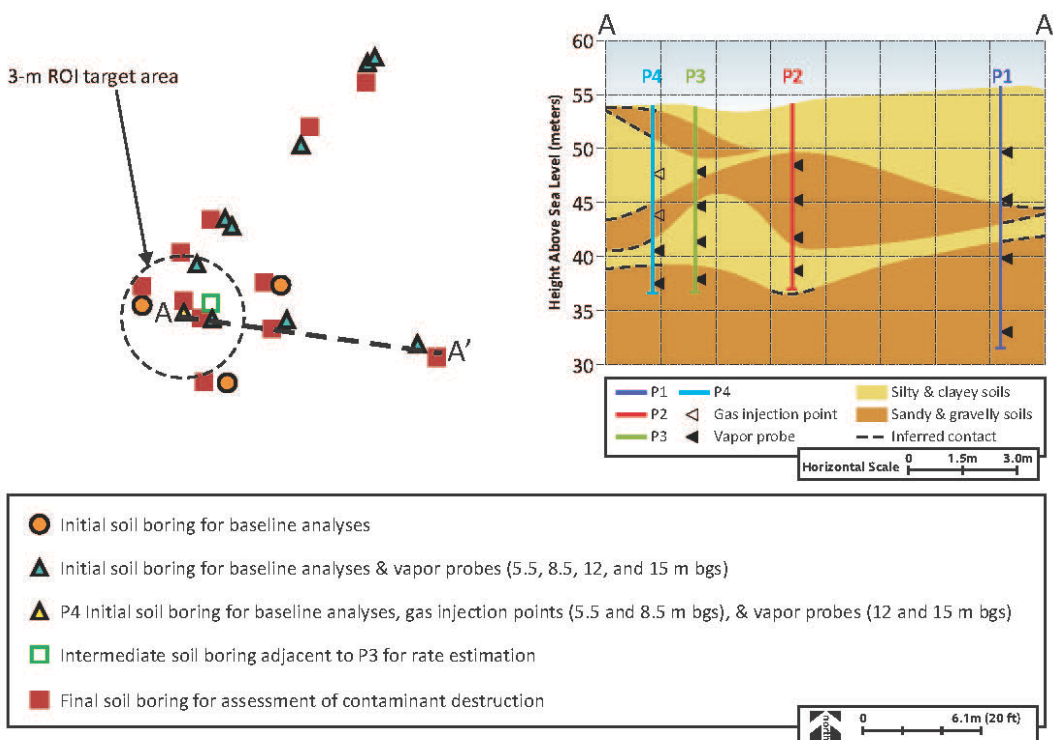
## 1.0 INTRODUCTION

Gaseous electron donor injection technology (GEDIT) involves injection of gaseous electron donors into the soil with the purpose of promoting anaerobic biodegradation of perchlorate to water and chloride ion (U.S. Patent 7,282,149 B2 and patent pending). This technology can be viewed as bioventing in reverse. Bioventing, a proven bioremediation technology for petroleum hydrocarbons, involves the injection of a gaseous electron acceptor (e.g., oxygen) into the vadose zone resulting in the biodegradation of an electron donor (e.g., hydrocarbons). With GEDIT, the electron acceptor and donor are reversed with the gaseous electron donor being injected in order to biodegrade the electron acceptor (i.e., perchlorate or nitrate).

A demonstration of GEDIT for in situ perchlorate bioremediation in the vadose zone was conducted at the Propellant Burn Area (PBA) within the Inactive Rancho Cordova Test site (IRCTS) which is located approximately 15 miles east of Sacramento, CA. During the 1940s, the PBA was dredged to a depth of approximately 21 meters (70 feet) to remove gold from the subsurface gravel deposits. As a result, the PBA and immediate vicinity are underlain by dredge tailings, which are composed of an unconsolidated mixture of silt, sand and gravel with cobbles and small boulders. Well logs indicate that the dredged material extends to depths of at least 21 meters (70 feet) and overlies inter-bedded layers of gravels, sands and silts of the Pliocene-age Laguna Formation. The dredged area is oriented in a southwest to northeast direction. The estimated horizontal permeability of the materials at the PBA based on field data is  $2.8 \times 10^{-11} \pm 1.4 \times 10^{-11} \text{ m}^2$  ( $3.0 \times 10^{-10} \text{ ft}^2$ , Evans et al. 2011).

For the GEDIT demonstration, a single injection well (i.e., P4) that was screened at two depths and multiple vapor probes were installed. The layout of injection wells and vapor probes is presented in Figure 1. A brief overview of the program is described below. A detailed presentation of site conditions and field program details and results are presented in the ESTCP final report (Evans et al. 2009).

**Figure 1. Injection Well and Piezometer Locations (Evans et al. 2011)**



The GEDIT demonstration program was conducted in four phases:

- Phase I was comprised treatability studies conducted in the laboratory and at the site.
- Phase II involved field tracer tests using a hydrogen/nitrogen mixture and optimization tests using various gas mixtures. The tracer tests were conducted to determine the radius of influence for hydrogen when injected under different conditions.
- Phase III involved continuous injection of a gas mixture comprised of 79 percent nitrogen, 10 percent hydrogen, 10 percent liquefied petroleum gas (LPG) also known as commercial propane, and 1 percent carbon dioxide over a period of about five months. This steady state operation was conducted to generate a vadose zone atmosphere that was supportive of perchlorate biodegradation. Gas and soil samples were collected to verify system operation and quantify perchlorate and nitrate degradation.
- Phase IV involved continuous injection of pure LPG to evaluate its potential use as an electron donor. LPG was injected continuously for about three months and gas samples were collected and analyzed periodically. Soil samples were collected and analyzed at the end of this Phase to quantify perchlorate and nitrate biodegradation.



The demonstration of GEDIT was successful and proved that greater than 90 percent perchlorate destruction could be accomplished. The unit cost of the technology, as reported in the ESTCP Final Report ranged from \$28 to \$114 per cubic meter (\$21 to \$87 per cubic yard) depending on the specific scenario that was evaluated (Evans et al. 2009). The primary cost drivers were injection well spacing and gas flow rate. The objective of the modeling described in this report was to optimize the gas injection strategy to reduce costs while creating conditions amenable for perchlorate destruction.

## **2.0 METHODS**

### **2.1 TMVOC**

TMVOC is a vadose zone simulation code developed at Lawrence Berkley National Laboratory (LBNL) (Pruess and Battistelli 2002). The model is a numerical simulator for three-phase non-isothermal flow of water, soil gas, and a multi-component mixture of volatile organic chemicals (VOCs) in multidimensional heterogeneous porous media and is designed for applications to contamination problems that involve hydrocarbon fuel or organic solvent spills in saturated and unsaturated zones. It is also applicable to flow problems that involve multi-component mixtures of non-condensable gases (NCGs), as is needed for GEDIT. For this study, the TMVOC code was modified by LBNL to include hydrogen as a NCG. In addition to transport, the model provides for first-order reactions of single components.

### **2.2 Modeling Approach**

TMVOC modeling was conducted in two phases. The first modeling phase, vadose zone property calibration, consisted of model simulations of portions of the GEDIT demonstration pilot test. The objective of this phase was to identify vadose zone properties that were representative of field conditions and data measured at pilot test monitoring locations. The second modeling phase, alternatives analysis and optimization, consisted of model simulations of 25 different gas injection alternatives using calibrated properties from the first modeling phase. In these alternatives, horizontal and vertical injection well spacing, injected gas composition and injection flow rates were varied. A two-dimensional radial model was used for the calibration simulations. The multi-well gas injection alternatives were simulated using a three-dimensional rectangular grid model.

### **2.3 Model Calibration**

The first modeling phase, vadose zone property calibration, consisted of model simulations of portions of the mixed gas injection conducted in Phase III of the GEDIT demonstration program. The objective of this phase was to identify vadose zone properties that were representative of field conditions and data measured at pilot test monitoring locations. Model simulations involved adjusting vadose zone properties and gas decay rates until a reasonable match was achieved between simulated and observed soil gas concentrations at different distances from the injection location.

The radial model grid contains 62 plan view elements (or rings) with spacing of approximately 0.04 meters (0.1 foot) at the model origin increasing logarithmically to 160 meters (525 feet) at the model edge. The outer edge of the radial model is 1,000 meters (3,300 feet) from the origin, a

distance large enough where an impact from injection at the origin is not expected. In the vertical dimension, the model contains 29 layers, typically 1 or 2 meters (3 to 7 feet) thick. The model extends to a depth of 38 meters (125 feet), the approximate depth to groundwater at the pilot test site.

Uniform soil properties were assigned to all the elements in the model, and since a radial grid was used these uniform properties were assumed to extend in all directions. Atmospheric and phreatic boundary conditions were assigned, respectively, to the top and bottom model layers. An initial water saturation of 22% was assigned to all elements so that the initial gas saturation was 78%. The water saturation was determined to be reasonably consistent with a precipitation infiltration rate of 3.0 cm/year (1.2 inches/year). The initial soil gas composition consisted of 80% nitrogen and 20% oxygen.

Field data collected during portions of Phase III of the mixed gas injection test were used for the first phase of model calibration. Phase III involved continuous injection of a gas mixture over a period of about five months. Soil gas samples were collected from the piezometers and the gas injection manifold and were analyzed for hydrogen, propane, oxygen, carbon dioxide, relative humidity, and temperature using field instruments. Soil gas concentrations were mapped over time to estimate the time required to reach steady state and measured concentrations at the end of the test were mapped versus distance from the injection point.

The model was used to simulate pilot test conditions for April through August 2008. Table 1 summarizes the injected gas composition and injection rates during this period. The mixed gas mixture was injected into the 5.5- and 8.5-meter below ground surface (bgs) screens of piezometer P4 (18- and 28-ft bgs). The flow was divided equally into each screen (i.e., 1.4 cubic meters per hour, or 50 cubic feet per hour or cfh each) and was conducted for about five months.

**Table 1. Mixed Gas Composition and Flow Rate For Vadose Zone Simulations**

<b>Start</b>	<b>End</b>	<b>% Nitrogen</b>	<b>% Hydrogen</b>	<b>% Propane</b>	<b>Flow rate (m<sup>3</sup> h<sup>-1</sup>)</b>
4/2/08 12:33	4/7/08 14:14	80%	10%	10%	1.7 (60 cfh)
4/7/08 14:14	4/7/08 14:58	0%	0%	0%	0
4/7/08 14:58	4/9/08 11:12	80%	10%	10%	1.7 (60 cfh)
4/9/08 11:12	4/10/08 11:21	0%	0%	0%	0
4/10/08 11:21	8/13/08 12:33	80%	10%	10%	2.8 (100 cfh)

During calibration, vadose zone properties (permeability and porosity) and hydrogen and propane decay were adjusted until simulated gas concentrations at different distances from the point of injection were generally consistent with observed data. TMVOC simulates hydrogen and propane decay in the dissolved aqueous phase (i.e., soil moisture) only. To represent gas phase decay observed during the GEDIT demonstration, calibration of the model required relating gas-phase data to liquid-phase reactions employed by TMVOC. An assumption of gas-liquid equilibrium was used to establish this relationship. To represent decay in the gas phase, the liquid-phase decay rate assigned in the TMVOC input was equal to the gas phase decay rate multiplied by a factor of 62. This factor was based on Henry's constant and other factors

describing partitioning of hydrogen and propane between the gas and liquid phases. The computation of this factor is described in Appendix A.

The final vadose zone and chemical properties based on calibration simulations are listed below:

- Porosity: 20%
- Horizontal Permeability:  $4.0 \times 10^{-11} \text{ m}^2$  ( $4.3 \times 10^{-10} \text{ ft}^2$ )
- Vertical Permeability:  $8.0 \times 10^{-12} \text{ m}^2$  ( $8.6 \times 10^{-11} \text{ ft}^2$ )
- First-order rate constants for liquid phase:  $1.5 \times 10^{-3} \text{ s}^{-1}$  (effective  $2.4 \times 10^{-5} \text{ s}^{-1}$  gas first-order rate constant in soil) and  $2.0 \times 10^{-4} \text{ s}^{-1}$  (effective  $3.2 \times 10^{-6} \text{ s}^{-1}$  gas phase first-order rate constant soil) for hydrogen and propane, respectively.

Detailed model input, including the model mesh and initial condition assignment, is provided in Appendix E.

## 2.4 GEDIT Optimization

A set of GEDIT gas delivery alternatives, listed in Table 2, was developed for the alternatives analysis and optimization. These alternatives were simulated using a three-dimensional TMVOC vadose zone model.

For the simulation analysis, the injection wells were placed in a five-spot pattern with injection occurring at the corners of the grid, as well as in the center, as shown in Figure 2 for the 6-meter (20-feet) injection well spacing case. In practice, the five-spot configuration could be repeated in all directions. For modeling purposes it was assumed that the results of multiple five-spot configurations would be mirror images of the results obtained with one five-spot pattern.

The flux rate assigned to the center injection point is the full rate and the flux rate assigned to the corner elements is one quarter of the individual well injection rate, assuming that in practice at each corner four of these five-spot configurations come together. No flow is assumed to occur across the model edges (boundaries), assuming that the 5-spot pattern is repeated in all directions.

The rectangular model grid consists of 63 plan-view elements. The lateral extent of the model was based on the horizontal injection well spacing listed in Table 2. The same configuration shown in Figure 2 for 6-meter (20-feet) spacing was applied to injection configurations with a 15-meter (50-feet) and 24-meter (80-feet) horizontal well spacing by corresponding expansion of the element horizontal dimensions. In the vertical dimension, the model contains 27 layers, typically 1.5 meters (5 feet) thick. The model extends to a depth of 38 meters (125 feet), the approximate depth to groundwater at the pilot test site.

The soil gas and moisture properties assigned to each simulation were the same as those identified during the mixed gas test calibration simulation described in Section 2.2. The simulations were run to steady state.

**Table 2. Alternatives Analysis and Optimization Simulations**

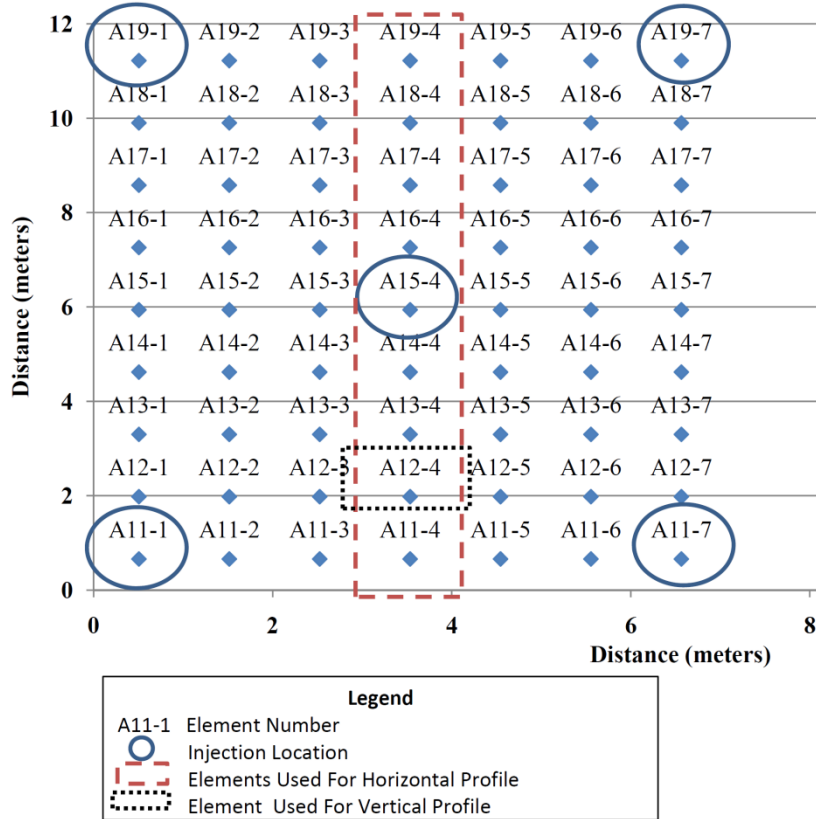
<b>Alternative</b>	<b>Horizontal Spacing of Injection Wells (m)</b>	<b>Vertical Injection Interval (m)</b>	<b>Hydrogen /Propane (%)*</b>	<b>Nitrogen (%)</b>	<b>Flow Per Vertical Injection Point (m<sup>3</sup> h<sup>-1</sup>)</b>	<b>Number of Vertical Injection Points</b>	<b>Total Flow Per Well (m<sup>3</sup> h<sup>-1</sup>)**</b>
1	6 (20 ft)	3 (10 ft)	11%	78%	3.1 (110 cfh)	12	37.4 (1,320 cfh)
2	24 (80 ft)	3 (10 ft)	11%	78%	3.1 (110 cfh)	12	37.4 (1,320 cfh)
3	6 (20 ft)	6 (20 ft)	11%	78%	3.1 (110 cfh)	6	18.7(660 cfh)
4	24 (80 ft)	6 (20 ft)	11%	78%	3.1 (110 cfh)	6	18.7(660 cfh)
5	15 (50 ft)	4 (15 ft)	2%	96%	0.6 (20 cfh)	8	4.5 (160 cfh)
6	15 (50 ft)	4 (15 ft)	20%	60%	0.6 (20 cfh)	8	4.5 (160 cfh)
7	15 (50 ft)	4 (15 ft)	2%	96%	5.7 (200 cfh)	8	45.3 (1,600 cfh)
8	15 (50 ft)	4 (15 ft)	20%	60%	5.7 (200 cfh)	8	45.3 (1,600 cfh)
9	6 (20 ft)	4 (15 ft)	2%	96%	3.1 (110 cfh)	8	24.9 (880 cfh)
10	24 (80 ft)	4 (15 ft)	2%	96%	3.1 (110 cfh)	8	24.9 (880 cfh)
11	6 (20 ft)	4 (15 ft)	20%	60%	3.1 (110 cfh)	8	24.9 (880 cfh)
12	24 (80 ft)	4 (15 ft)	20%	60%	3.1 (110 cfh)	8	24.9 (880 cfh)
13	15 (50 ft)	3 (10 ft)	11%	78%	0.6 (20 cfh)	12	6.8 (240 cfh)
14	15 (50 ft)	6 (20 ft)	11%	78%	0.6 (20 cfh)	6	3.4 (120 cfh)
15	15 (50 ft)	3 (10 ft)	11%	78%	5.7 (200 cfh)	12	68.0 (2,400 cfh)
16	15 (50 ft)	6 (20 ft)	11%	78%	5.7 (200 cfh)	6	34.0 (1,200 cfh)
17	6 (20 ft)	4 (15 ft)	11%	78%	0.6 (20 cfh)	8	4.5 (160 cfh)
18	24 (80 ft)	4 (15 ft)	11%	78%	0.6 (20 cfh)	8	4.5 (160 cfh)
19	6 (20 ft)	4 (15 ft)	11%	78%	5.7 (200 cfh)	8	45.3 (1,600 cfh)
20	24 (80 ft)	4 (15 ft)	11%	78%	5.7 (200 cfh)	8	45.3 (1,600 cfh)
21	15 (50 ft)	3 (10 ft)	2%	96%	3.1 (110 cfh)	12	37.4 (1,320 cfh)
22	15 (50 ft)	6 (20 ft)	2%	96%	3.1 (110 cfh)	6	18.7(660 cfh)
23	15 (50 ft)	3 (10 ft)	20%	60%	3.1 (110 cfh)	12	37.4 (1,320 cfh)
24	15 (50 ft)	6 (20 ft)	20%	60%	3.1 (110 cfh)	6	18.7(660 cfh)
25	15 (50 ft)	4 (15 ft)	11%	78%	3.1 (110 cfh)	8	24.9 (880 cfh)

\* Equal amounts of hydrogen and propane

\*\* Each injection well is comprised of multiple vertical injection points

The simulation results were evaluated by graphing steady state vadose zone concentrations along the long axis of the grid, and by graphing steady state vadose zone concentrations with depth at the location shown in Figure 2 (element A12-4) which is the element farthest from any injection well. The graph of results along the long axis of the grid was used to evaluate the radius of influence of the injection. The graph showing the simulated vadose concentrations with depth was used to evaluate the impact of different vertical injection intervals.

Figure 2. Schematic Representation Of Model Elements For Injection Configuration with 6 Meters (20 feet) Horizontal Spacing



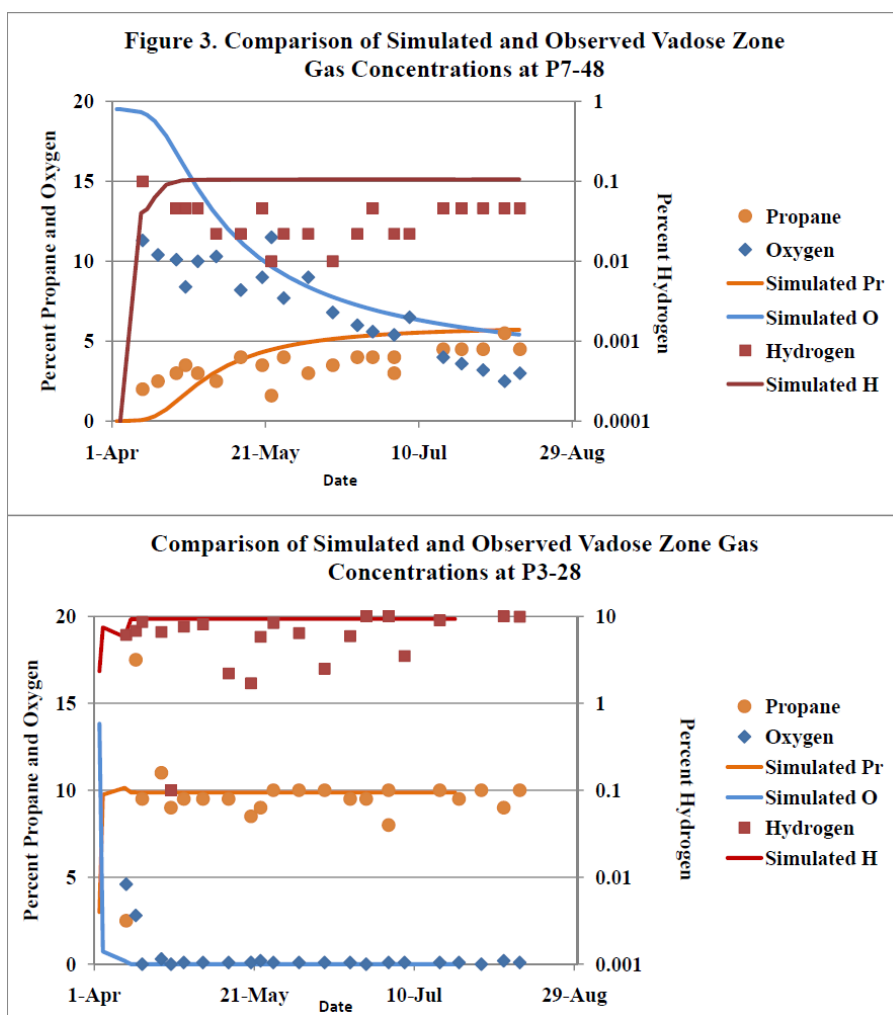
### 3.0 RESULTS

#### 3.1 Calibration Results

Simulated hydrogen, oxygen and propane vadose zone concentrations were compared with measured data collected at monitoring locations 1.5 to 17 meters (5 to 56 feet) from the point of injection at 5.5 meters (18 feet), 8.5 meters (28 feet), 11.6 meters (38 feet) and 14.6 meters (48 feet depth). A majority of the monitoring well locations are oriented in a southwest to northeast line, with the exception of three monitoring locations that are located approximately perpendicular to the line of other wells. The observed responses during the mixed gas test tended to differ between the two lines of wells suggesting that the horizontal permeability in the vadose zone may be anisotropic. This, in fact, would be consistent with the depositional history of the materials near the site.

With a two dimensional representation of the vadose zone and uniform distribution of properties, the model by nature of its assumptions cannot reproduce the observed anisotropy. During calibration, model properties were adjusted to simulate conditions that were generally representative of average conditions measured at the wells along both alignments.

Calibration was assessed by visual comparisons of simulated and observed vadose zone concentrations. The mixed gas mixture was injected into the 5.5- and 8.5-meter below ground surface (bgs) screens of piezometer P4 (18- and 28-ft bgs). Figure 3 is an example graph comparing simulated and observed vadose zone concentrations at monitoring point P7 and P3, located 11.6 meters (38 feet) and 1.5 meters (5 feet), respectively from injection. Appendix B contains graphs comparing simulated and observed vadose zone concentrations at all the monitoring locations for the final calibration simulation of the mixed gas pilot test.



Simulation results indicate that the radial model represents the mixed gas transport dynamics in the vadose zone both near the point of injection and at more distant monitoring locations. With a two dimensional representation of the vadose zone and uniform properties, the model is not expected to capture all the variations observed in the data; nonetheless, the model generally does capture the trends seen in the observed data both with distance from the point of injection and with depth.

### 3.2 Optimization Results

Simulation results were compared with gas concentration criteria needed for successful GEDIT application. These criteria are maintaining hydrogen concentrations above 0.5% and not having oxygen concentrations exceed 2% (Evans et al. 2009). Example simulation results are presented in Figure 4 and Figure 5.

Figure 4. Simulated Results for Alternative 6

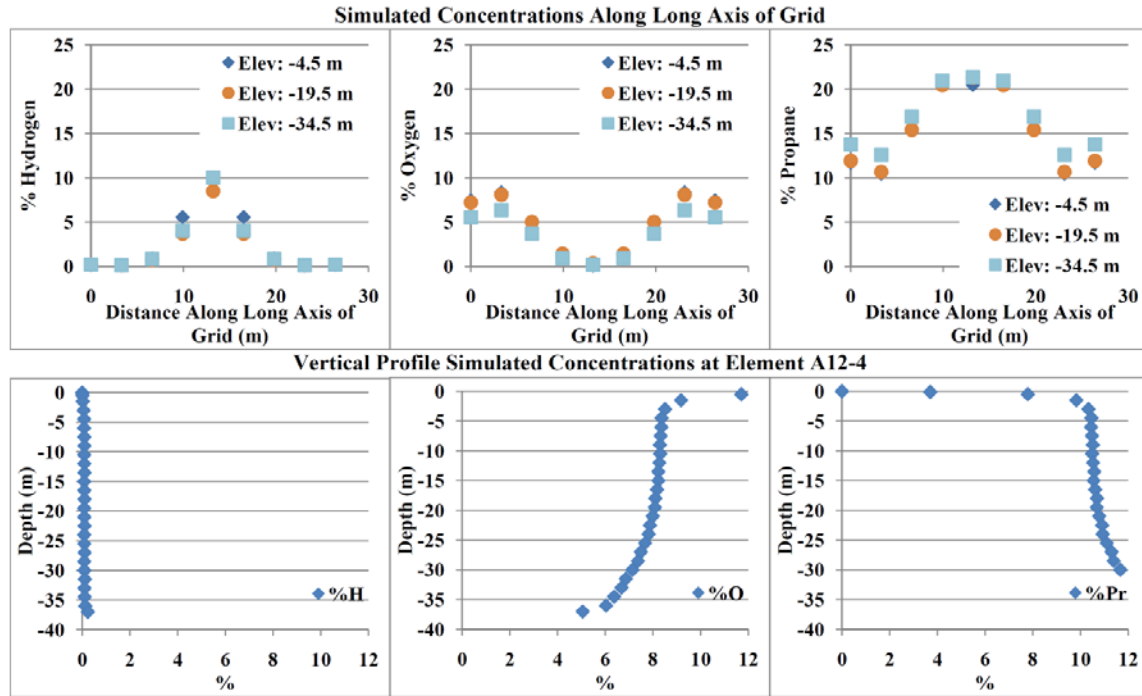
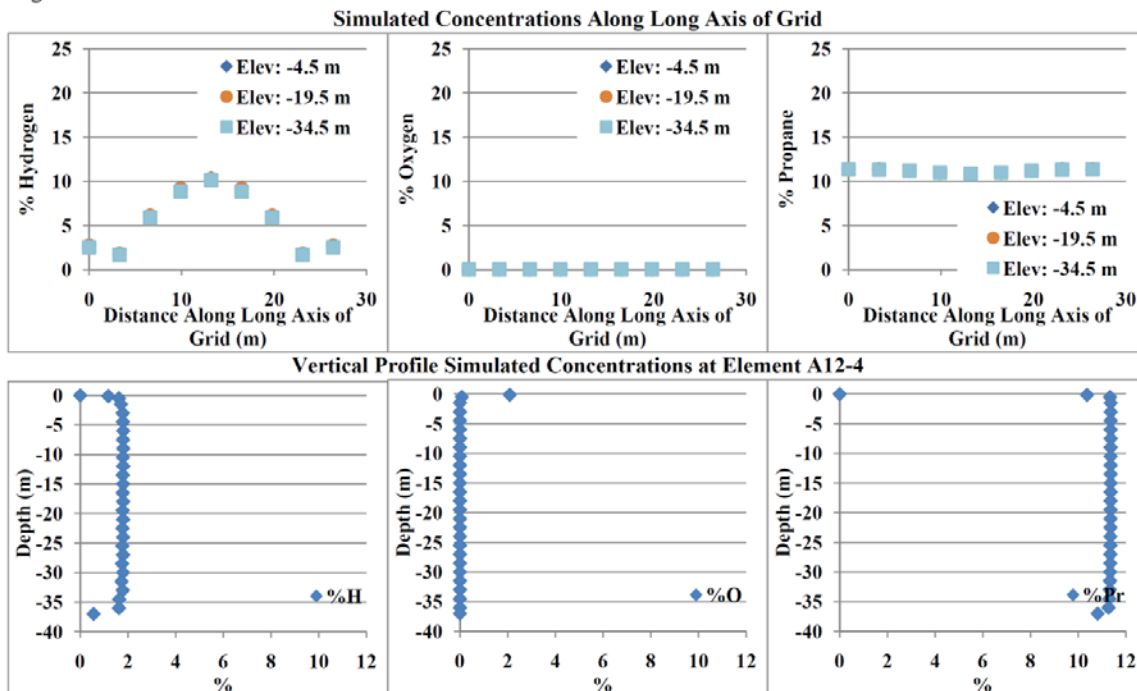


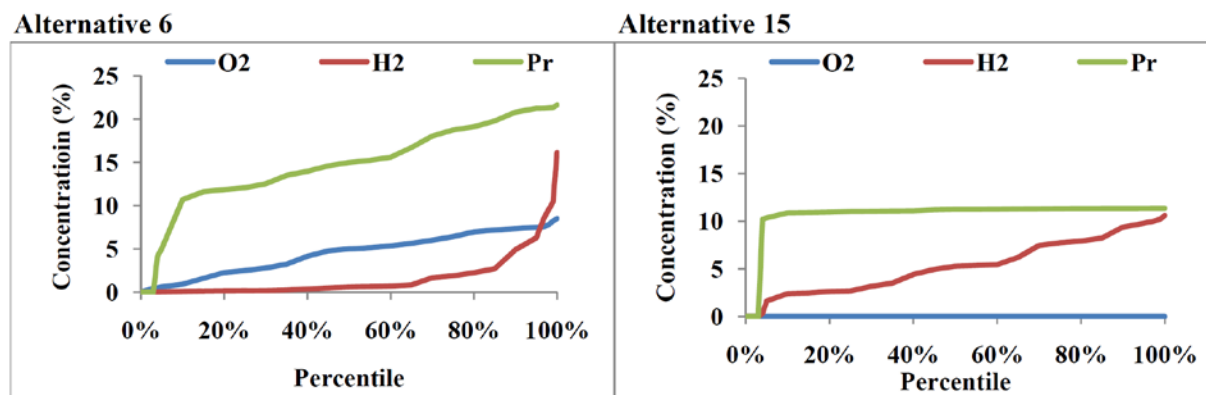
Figure 5. Simulated Results for Alternative 15



The GEDIT criteria are achieved over a relatively small area in Alternative 6 shown in Figure 4. In Alternative 15, shown in Figure 5, these criteria are achieved over a much larger area. Appendix C contains graphs showing simulation results for all of the alternatives.

Figure 6 plots the simulated gas concentrations versus percentile (percent of model volume less than that concentration) for Alternatives 6 and 15. These frequency distributions show that hydrogen concentrations greater than 0.5% were achieved over a greater volume in Alternative 15 than Alternative 6. The 10th and 50th percentiles for hydrogen for Alternative 6 were 0.10% and 0.60% (i.e., 10% and 50% of the treatment volume had hydrogen concentrations less than 0.10% and 0.60% respectively). For Alternative 15, the 10th and 50th percentile hydrogen concentrations were 0.68% and 3.0%, respectively. Thus over 90% of the treatment volume contained hydrogen greater than the threshold concentration of 0.5% in Alternative 15. This was not the case in Alternative 6 where only about 50% of the treatment volume contained hydrogen greater than the threshold concentration for hydrogen. Percentile distribution graphs of simulated steady state hydrogen, oxygen and propane soil gas concentrations are presented for all of the alternatives in Appendix D.

**Figure 6. Percentile Distributions of Steady State Gas Concentrations**



The 10th and 50th percentile concentrations of hydrogen for each alternative were normalized by the respective injection concentrations and then compared to the pneumatic residence time for the bulk gas as shown in Figure 7. The pneumatic residence time is the ratio of the vadose zone void volume associated with each injection well, based on the well spacing, to the bulk gas flow rate assigned to each injection well. The data did not perfectly fit linear, logarithmic, exponential, or polynomial equations but roughly fit a power law equation. The power law regression equation for the normalized 10th percentile hydrogen concentrations had a reasonable fit ( $r^2 = 0.9474$ ) and was used for subsequent economic analyses. This equation will be site specific but appears to be useful and simple approach to modeling GEDIT.

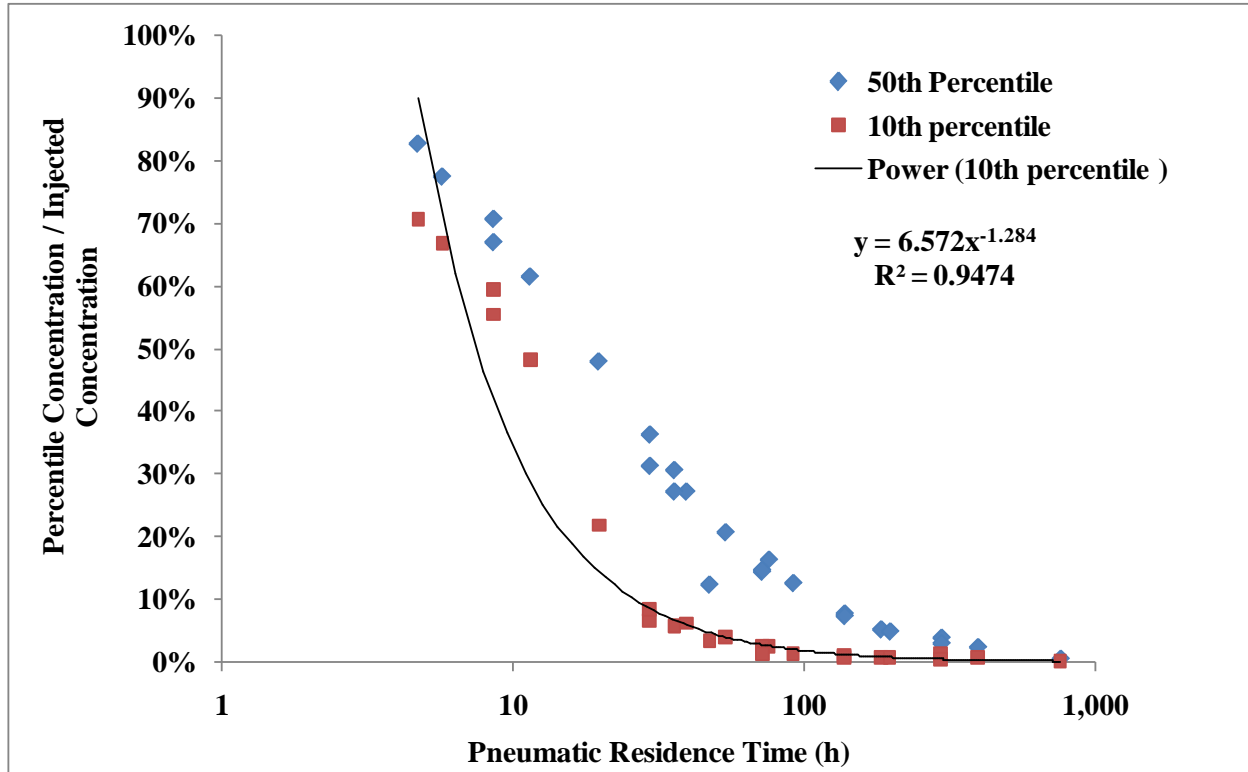


### 3.3 Economic Analysis

An economic analysis of GEDIT was conducted based on the empirical relationship established for the 10<sup>th</sup> percentile curve shown in Figure 7:

$$\frac{C^{10}}{C^{inj}} = 6.572T^{-1.284}$$

**Figure 7. Relationship between Minimum Hydrogen Concentrations and Pneumatic Residence Time**



$C^{10}$  is the hydrogen concentration associated with the 10th percentile and set to be 1% (i.e., twice the minimum threshold hydrogen concentration of 0.5%),  $C^{inj}$  is the hydrogen injection concentration, and  $T$  is the pneumatic residence time. The volumetric bulk gas flow rate  $Q$  is defined as:

$$T = \frac{V_{void}}{Q}$$

where  $V_{void}$  is the vadose zone void volume and is defined as,

$$V_{void} = \pi r^2 h \epsilon$$

Where  $r$  is the injection radius (i.e., half the horizontal well spacing),  $h$  is the vertical injection point spacing which was kept constant at 10 feet, and  $\epsilon$  is the void fraction which was set to 0.2 as in the TMVOC model. The above equations were combined to provide an equation for the calculation of  $Q$ :

$$Q = \frac{\pi r^2 h \epsilon}{\left( \frac{7.572 C^{\text{inj}}}{C^{10}} \right)^{0.78}}$$

Thus  $Q$  was calculable from  $r$  and  $C^{\text{inj}}$ .  $r$  was varied from 3 to 12 meters (10 to 40) feet and  $C^{\text{inj}}$  was varied from 1% to 30%. The propane concentration was maintained equal to the hydrogen concentration and the inject gas balance was nitrogen. Unit gas costs were \$2.08/m<sup>3</sup> (\$0.059/ft<sup>3</sup>) for hydrogen, \$1.82/m<sup>3</sup> (\$0.0516/ft<sup>3</sup>) for propane, and \$0.17/m<sup>3</sup> (\$0.0047/ft<sup>3</sup>) for nitrogen. Unit drilling costs were assumed to be \$490/m (\$150/ft). These costs were based on 2011 cost estimates for a site located in southern California. Operation for 6 months was assumed. Only drilling and gas costs were evaluated in this analysis since they are the major costs.

The combined unit costs for drilling and gas (i.e., \$/m<sup>3</sup> of soil treated) were estimated and are presented in Figure 8. The results demonstrate that operation at low hydrogen concentrations (i.e., 1 and 3%) was not as cost-effective as at greater concentrations. Increasing the hydrogen concentration above 10% had no benefit. Increasing the horizontal well spacing (i.e.,  $2r$ ) decreased unit costs and the greatest increase was observed when the spacing increased from 6.1 meters (20 feet) to 9.1 meters (30 feet). The lowest unit costs were under \$19/m<sup>3</sup> (\$15/yd<sup>3</sup>). The intent of this evaluation is not to provide feasibility study level costs for GEDIT but rather to evaluate the effects of well spacing and gas consumption on cost. A detailed analysis of total costs would need to be conducted for a specific site evaluation. Also, pilot testing would be necessary because the model used in this evaluation was based on a site-specific hydrogen consumption rate constant. Other sites may have a lower or higher rate constant.

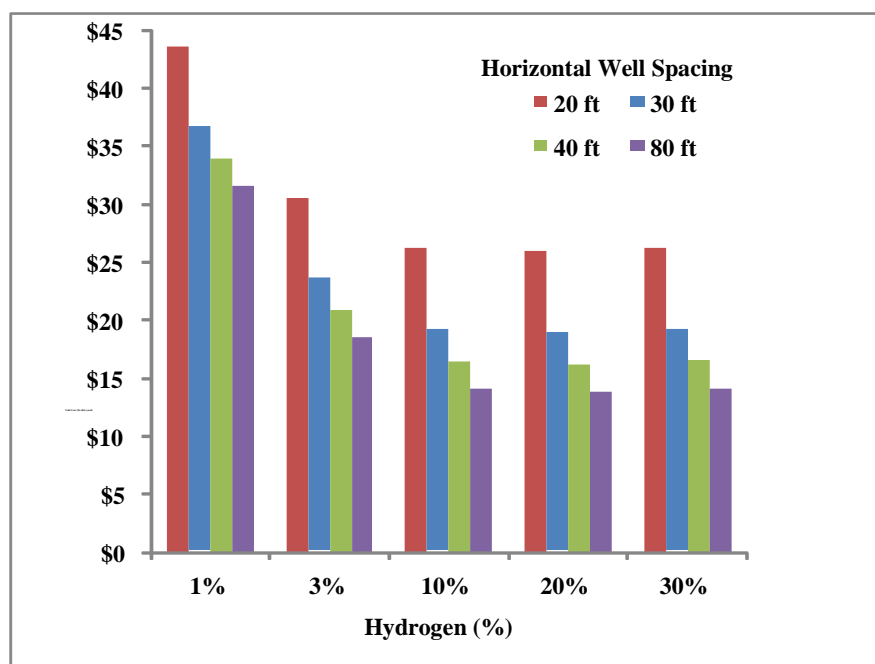
The relative contribution of gas and drilling to the overall cost varied as demonstrated in Figure 9. Gas costs contributed relatively more to the total cost as the horizontal well spacing increased as expected. When the well spacing was small (i.e., 6 meters or 20 feet), low hydrogen injection concentrations were contributed relatively more to the total cost relative to greater hydrogen injection concentrations. The relative contribution of gas to the overall cost is highly dependent on the operational period which was held constant at 6 months in this evaluation.

## 4.0 CONCLUSIONS

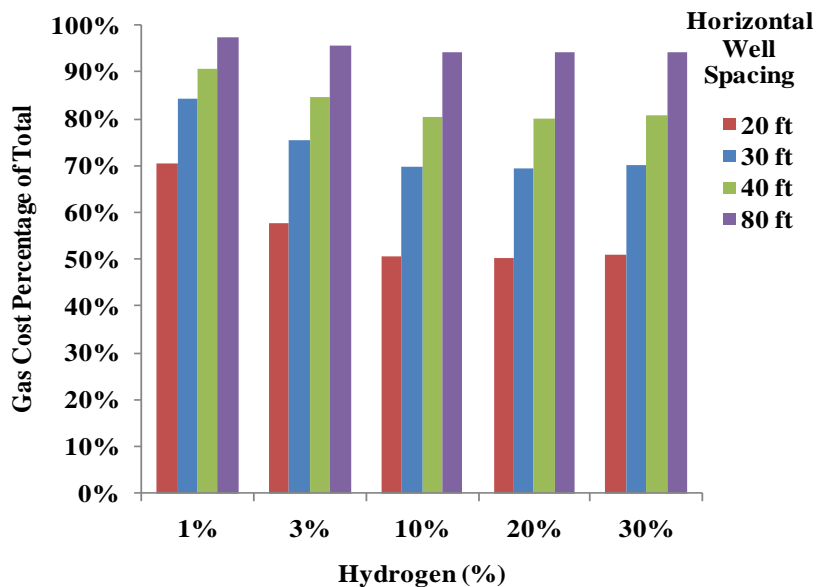
The results of this evaluation demonstrated that TMVOC was capable of modeling GEDIT. Simple first-order decay was used for hydrogen and propane. More complex models including stoichiometric linkage of electron donors to electron acceptors was not possible with TMVOC. TOUGHREACT could in the future be used in combination with TMVOC to provide this capability. Nevertheless, calibration and reasonable correlations with site data were possible with TMVOC alone. Twenty-five optimization runs were conducted. The results demonstrated that a unifying relationship existed between the normalized hydrogen 10th percentile hydrogen concentration (i.e.,  $C^{10}/C^{\text{inj}}$ ) and the pneumatic residence time for the bulk gas. This finding has important implications for engineering design and economic evaluation of GEDIT. This empirical relationship was utilized to evaluate the effects of well spacing and hydrogen injection

concentration on cost. The evaluation demonstrated that injection of low hydrogen concentrations was not cost-effective and large well spacing (e.g., about 24 meters or 80 feet) was theoretically sufficient to meet minimum concentration requirements for hydrogen to ensure perchlorate degradation. Pilot testing would be necessary to validate these conclusions. Nevertheless, unit costs for GEDIT less than \$19/ m<sup>3</sup> (\$15/ yd<sup>3</sup>) were estimated demonstrating the potential cost-effectiveness of this technology. The first-order rate constant for hydrogen consumption strongly affected the fate and transport of hydrogen and thus the economics. The rate constant is anticipated to be site-specific and thus costs for a given site may not be translatable to other sites. The approach outlined in this report provides a practical approach for determining engineering design parameters and economics at any site.

**Figure 8. Relationship between Gas Composition, Injection Well Spacing and Cost (6 months operation)**



**Figure 9. Distribution of Gas and Drilling Costs for Different Scenarios (6 months operation)**



#### 4.0 Conclusions

The results of this evaluation demonstrated that TMVOC was capable of modeling GEDIT. Simple first-order decay was used for hydrogen and propane. More complex models including stoichiometric linkage of electron donors to electron acceptors was not possible with TMVOC. TOUGHREACT could in the future be used in combination with TMVOC to provide this capability. Nevertheless, calibration and reasonable correlations with site data were possible with TMVOC alone. Twenty-five optimization runs were conducted. The results demonstrated that a unifying relationship existed between the normalized hydrogen 10th percentile hydrogen concentration (i.e.,  $C^{10}/C^{inj}$ ) and the pneumatic residence time for the bulk gas. This finding has important implications for engineering design and economic evaluation of GEDIT. This empirical relationship was utilized to evaluate the effects of well spacing and hydrogen injection concentration on cost. The evaluation demonstrated that injection of low hydrogen concentrations was not cost-effective and large well spacing (e.g., about 24 meters or 80 feet) was theoretically sufficient to meet minimum concentration requirements for hydrogen to ensure perchlorate degradation. Pilot testing would be necessary to validate these conclusions. Nevertheless, unit costs for GEDIT less than \$19/m<sup>3</sup> (\$15/yd<sup>3</sup>) were estimated demonstrating the potential cost-effectiveness of this technology. The first-order rate constant for hydrogen consumption strongly affected the fate and transport of hydrogen and thus the economics. The rate constant is anticipated to be site-specific and thus costs for a given site may not be translatable to other sites. The approach outlined in this report provides a practical approach for determining engineering design parameters and economics at any site.

## 5.0 REFERENCES

- Evans, P.J., H. Cai, K. Hopfensperger, E. Opitz, T. Titus, and R.A. Brennan. 2009. Final Report. In Situ Bioremediation of Perchlorate in Vadose Zone Soil Using Gaseous Electron Donors. Environmental Security Technology Certification Program (ESTCP).
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- Pruess, K., and A. Battistelli. 2002. TMVOC, A Numerical Simulator for Three-Phase Non-isothermal Flows of Multicomponent Hydrocarbon Mixtures in Saturated-Unsaturated Heterogeneous Media. Report LBNL-49375 Lawrence Berkeley National Laboratory.

## **Appendix A – Hydrogen Reactions in the GEDIT TMVOC Model**

## Hydrogen Reactions in the GEDIT TMVOC Model

The rate of hydrogen consumption in moist soil is, at a minimum, a function of the dissolved hydrogen concentration in the water and the first order rate constant for hydrogen biodegradation in the water:

$$R_w = k_w X_w C_w V_w$$

$R_w$  = Degradation rate of hydrogen in water (mol s<sup>-1</sup>)

$k_w$  = First order rate constant for hydrogen degradation in water (s<sup>-1</sup>)

$X_w$  = Mole fraction of hydrogen in water (dimensionless)

$C_w$  = Molar concentration of water (55.6 mol L<sup>-1</sup>)

$V_w$  = Volume of water (L)

Most literature on the subject of hydrogen consumption in moist soil reports data based on soil mass and gas-phase hydrogen concentrations. Therefore, rates that can be extracted out of the literature will be a function of the gas phase concentration of hydrogen:

$$R_s = k_s X_g C_g V_g$$

$R_s$  = Degradation rate of hydrogen in the soil system (referred to as soil) comprised of soil, moisture, and gas (mol s<sup>-1</sup>)

$k_s$  = First order rate constant for hydrogen degradation in soil (s<sup>-1</sup>)

$X_g$  = Mole fraction of hydrogen in gas (dimensionless)

$C_g$  = Molar concentration of gas (0.041 mol L<sup>-1</sup> at 1 atm and 25 C)

$V_g$  = Volume of gas (L)

The volume of gas can be related to the mass of soil:

$$V_g = \frac{\epsilon_g M_s}{\rho_s}$$

$\epsilon_g$  = Volume fraction of gas in the bulk soil volume (dimensionless)

$M_s$  = Mass of soil (kg)

$\rho_s$  = Bulk density of soil (kg L<sup>-1</sup>)

The last two equations can be combined yielding an expression for hydrogen consumption that is a function of hydrogen concentration and soil mass:

$$R_s = \frac{k_s X_g C_g \epsilon_g M_s}{\rho_s}$$

Assuming instantaneous equilibrium between the gas phase and the water (i.e., soil moisture) phase (i.e., no mass transfer resistance), we can state:

$$R_s = R_w$$

Therefore,

$$k_w X_w C_w V_w = \frac{k_s X_g C_g \varepsilon_g M_s}{\rho_s}$$

Rearranging gives:

$$k_w = \frac{k_s X_g C_g \varepsilon_g M_s}{\rho_s X_w C_w V_w}$$

Henry's law is used to relate  $X_w$  and  $X_g$ :

$$X_g = H X_w$$

and the volume of water is related to the soil mass and weight fraction of moisture in the soil

$$V_w = \frac{f_w M_s}{\rho_w}$$

$H$  = Henry's constant based on mole fraction (dimensionless)

$V_w$  = Volume of water (L)

$\rho_w$  = Density of water ( $1.0 \text{ kg L}^{-1}$ )

Combining the last three equations gives:

$$k_w = \frac{k_s H \rho_w C_g \varepsilon_g}{\rho_s C_w f_w}$$

For the TMVOC simulation of GEDIT, the following constants were used.

$\rho_w$	1	g/mL
$\rho_s$	1.7	g/mL
$C_g$	0.040983607	mol/L
$C_w$	55.6	mol/L
$\varepsilon_g$	0.3	-
$H$	1.28E+03	atm-L/mol
$H$	7.13E+04	-
$f_w$	0.15	-

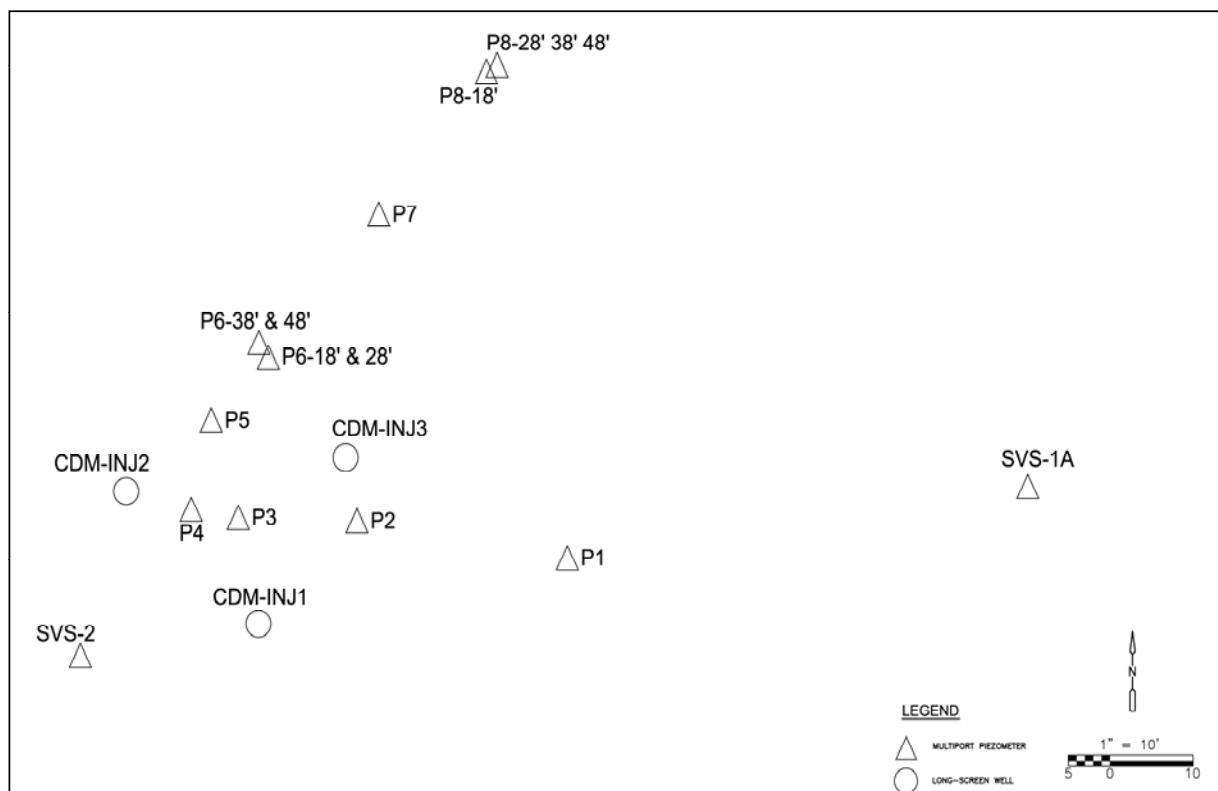


For these parameters, example rate constants in the liquid and gas phases for a range of half lives were calculated and presented below which demonstrate the constant ratio of 62 for  $\frac{k_w}{k_s}$ .

$t_{0.5}$	$k_s$	$k_w$	$k_w/k_s$
d	$s^{-1}$	$s^{-1}$	-
0.1	8.02254E-05	4.96E-03	62
1	8.02254E-06	4.96E-04	62
10	8.02254E-07	4.96E-05	62

## **Appendix B – Mixed Gas Injection Test Simulation Results**

# Injection well and piezometer locations

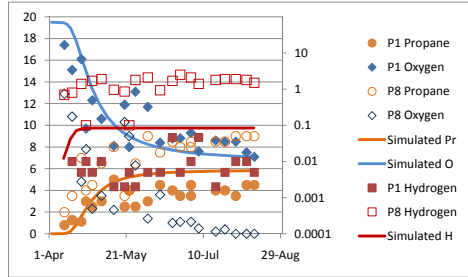


# Appendix B - Mixed Gas Simulated Results

**P1-18 Distance= 45.6 feet**

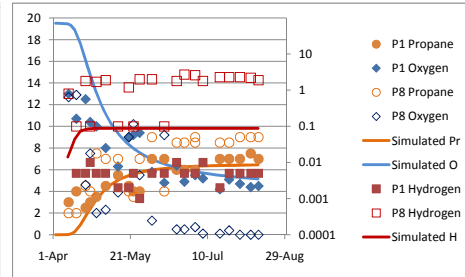
**P8-18 Distance= 56.1 feet**

**Simulated Distance 49.4 feet**

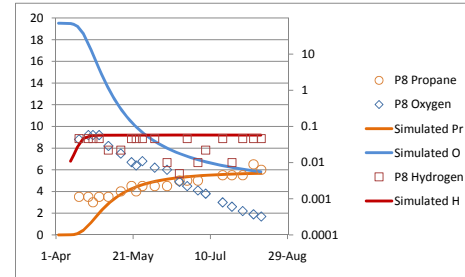


**P1-28**

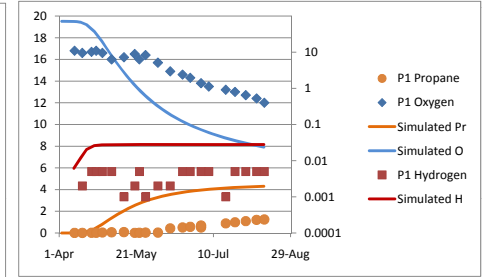
**P8-28**



**P8-38**

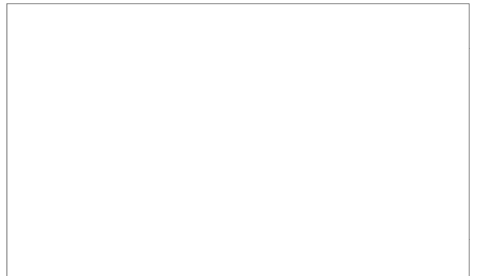


**P1-48**

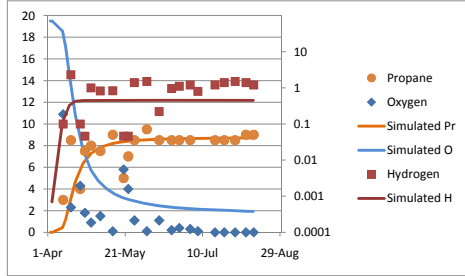


**P7-18 Distance= 36.7 feet**

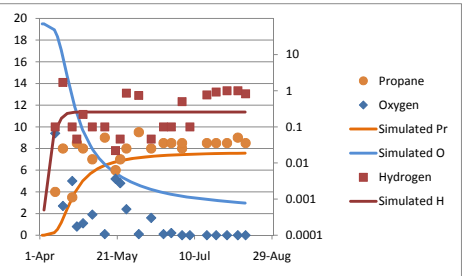
**P7 Simulated Distance= 36.9 feet**



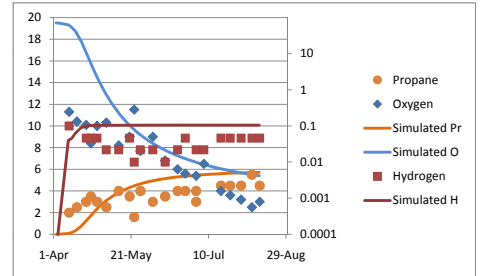
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**P7-38**



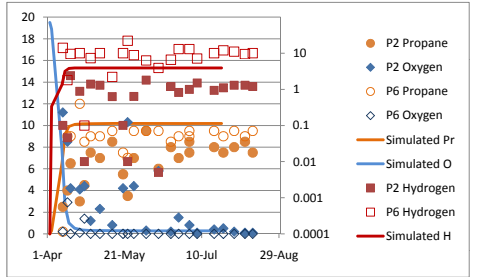
**P7-48**



**P2-18 Distance= 18.6 feet**

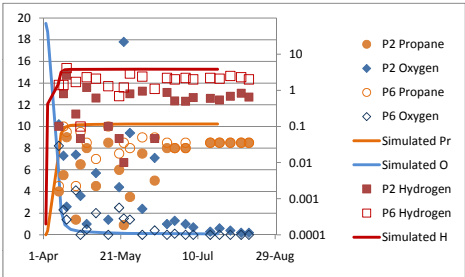
**P6-18 Distance= 18 feet**

**P2 Simulated Distance= 18.4 feet**



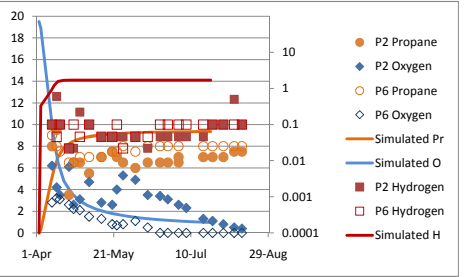
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**P6-28**



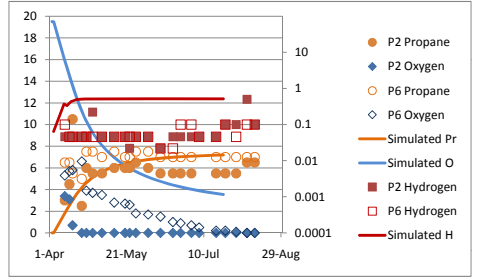
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**P6-38**



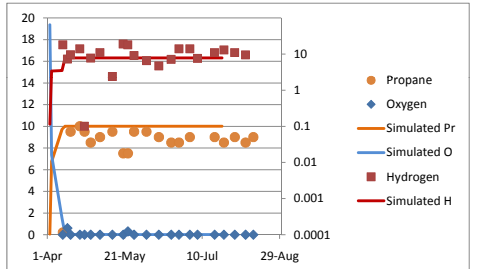
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**P6-48**

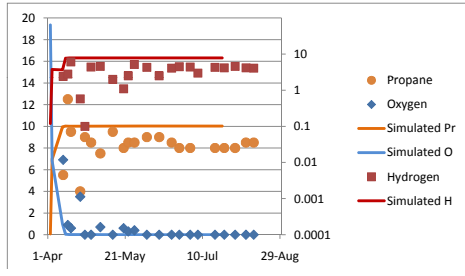


**P5-18 Distance= 9.44 feet**

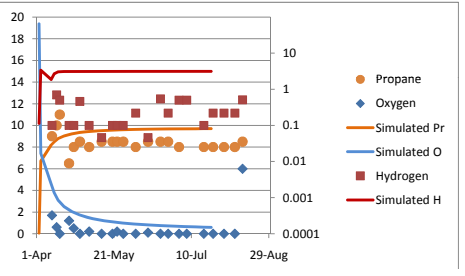
**Simulated Distance= 9.8 feet**



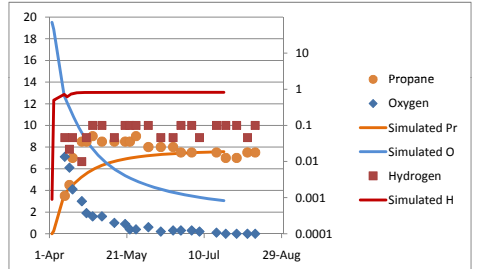
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**P5-38**

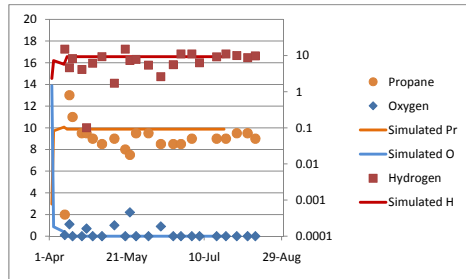


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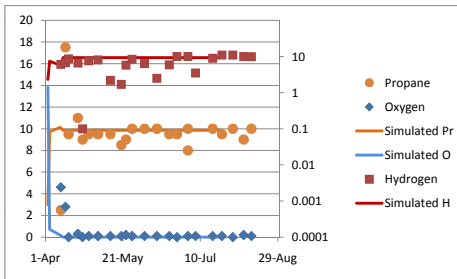


## Appendix B - Mixed Gas Simulated Results

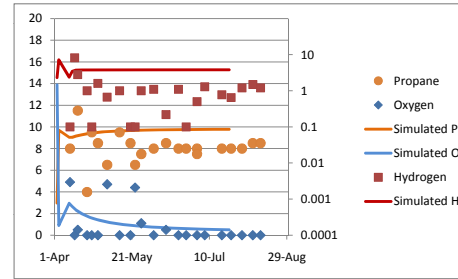
**P3-18 Distance= 5.33 feet**  
**Simulated Distance= 5.5 feet**



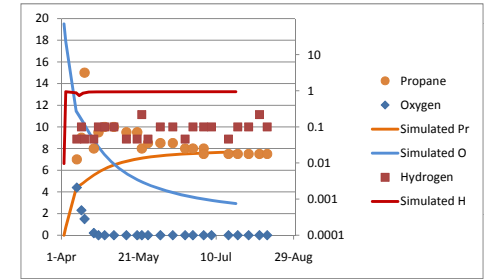
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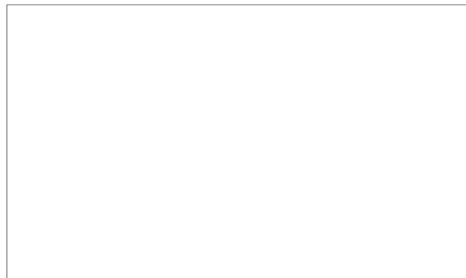
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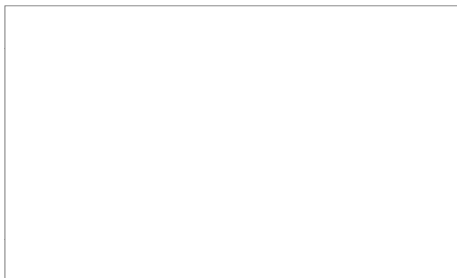
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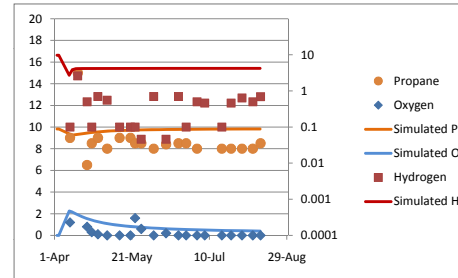
**P4-18 Distance= 0 feet**



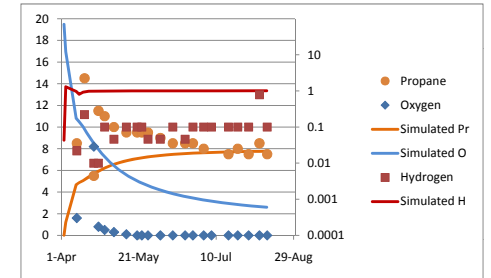
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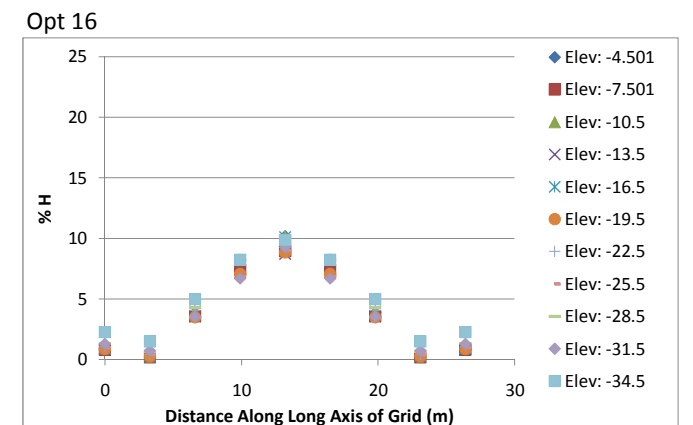
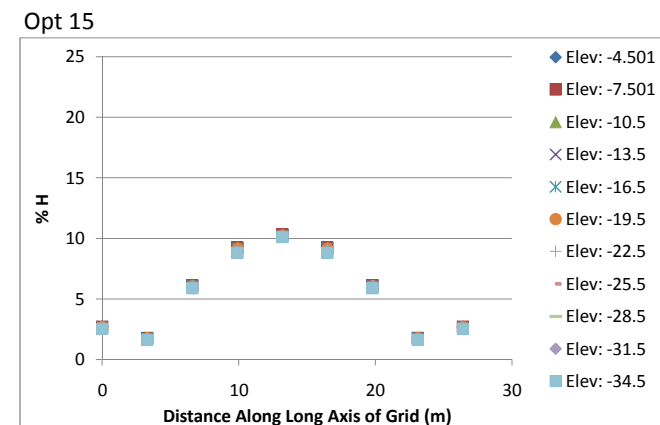
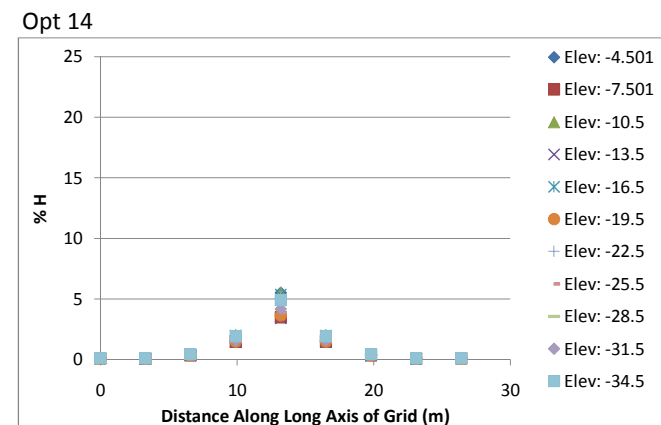
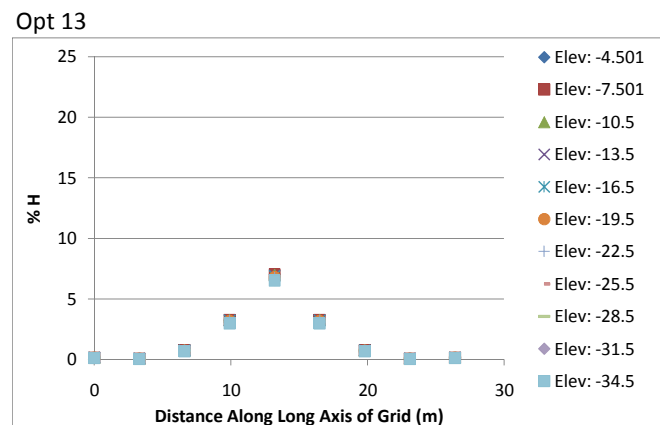
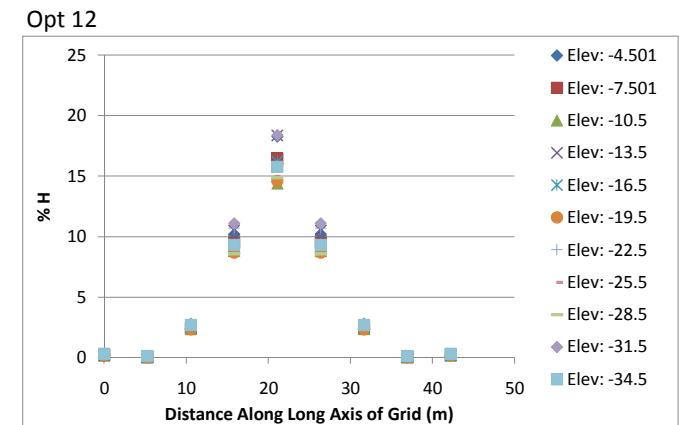
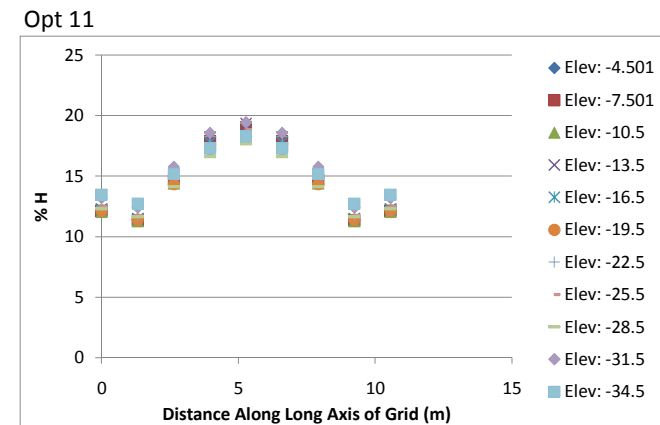
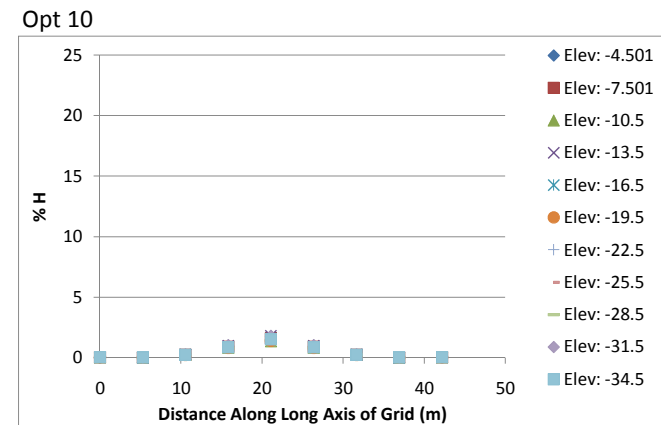
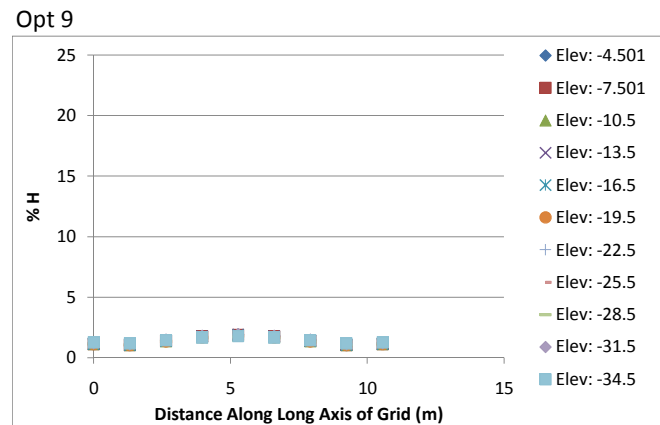
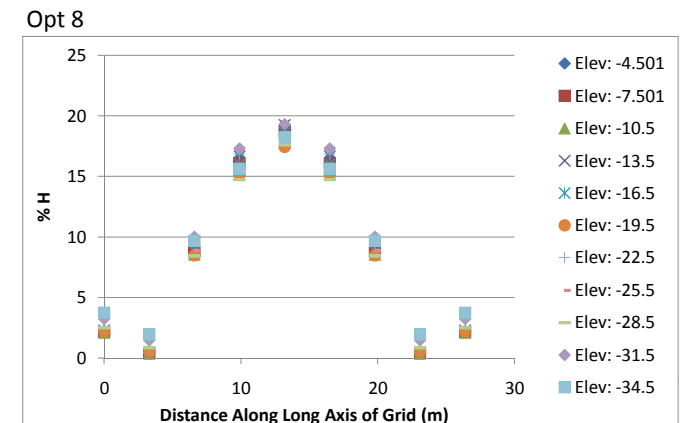
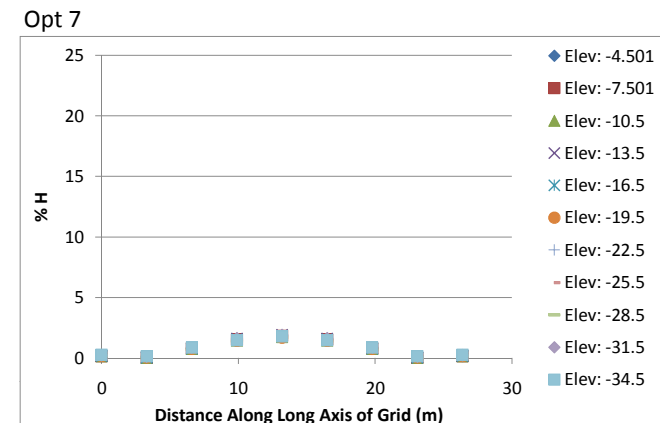
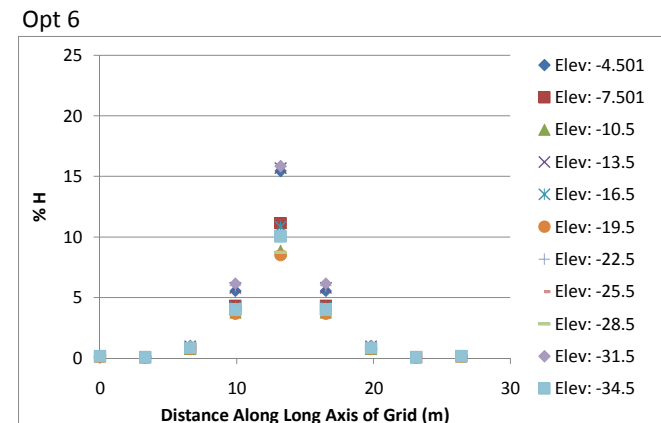
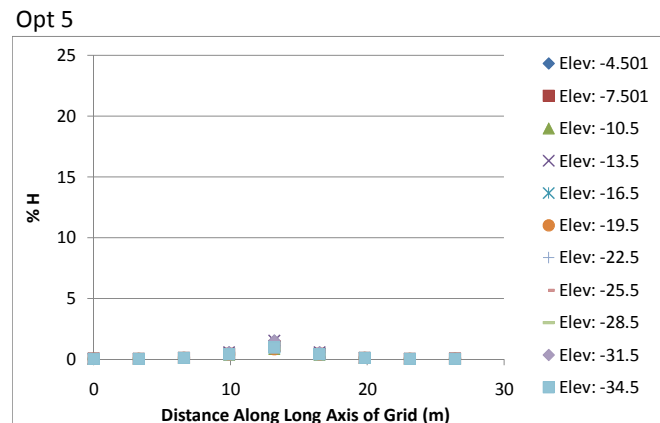
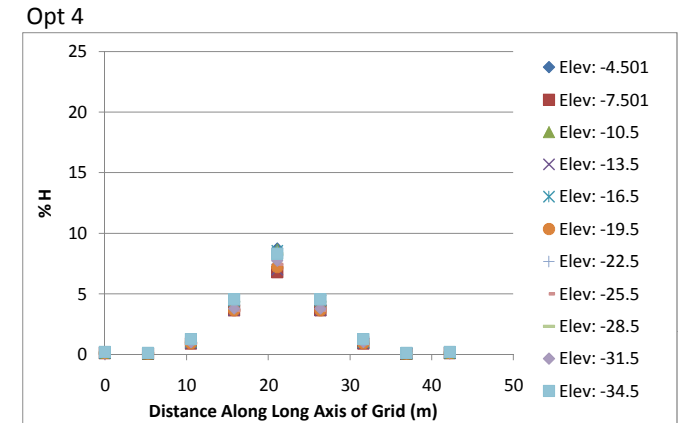
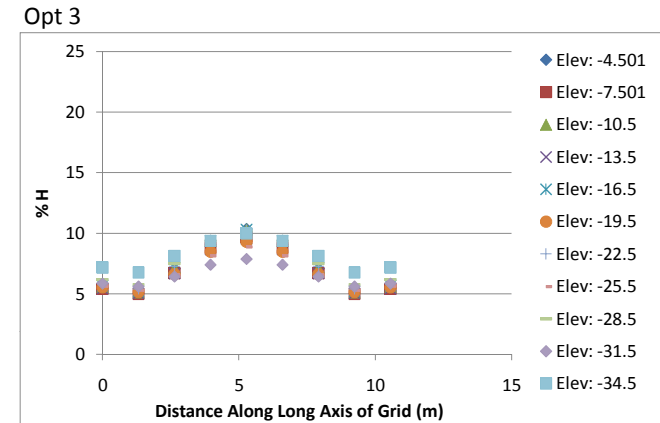
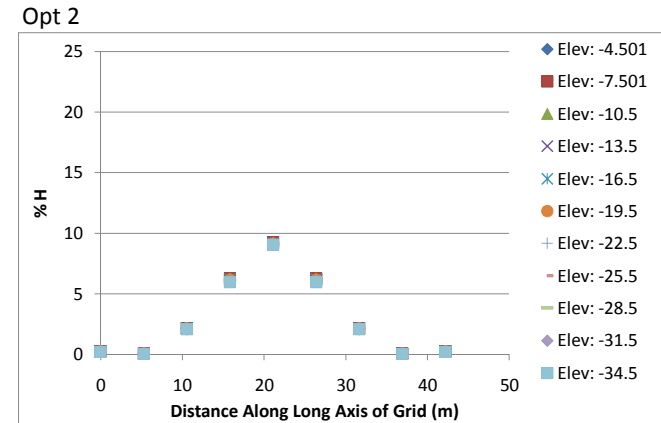
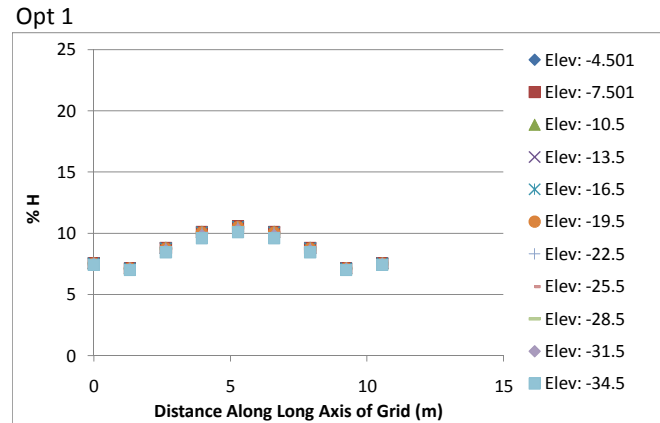
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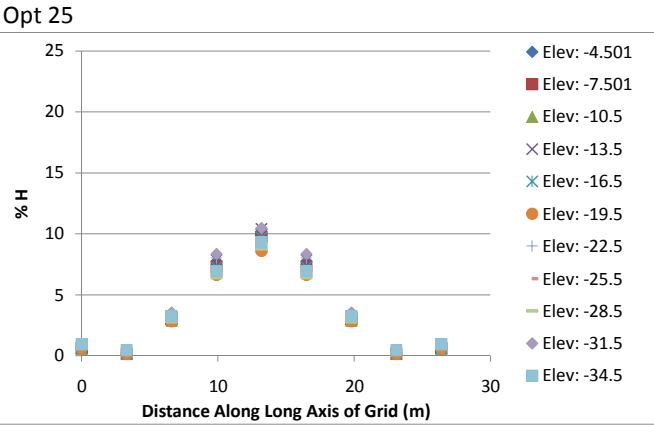
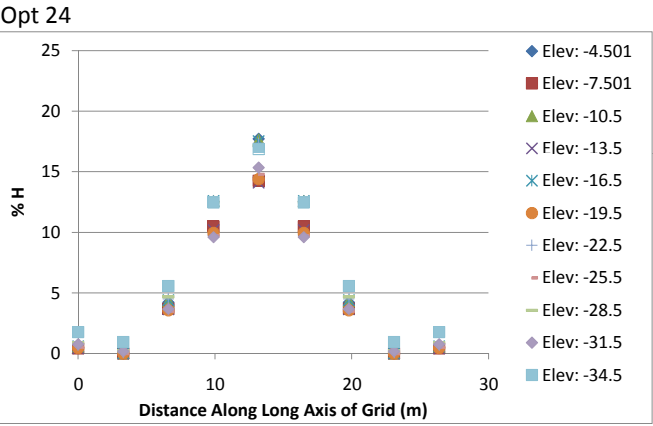
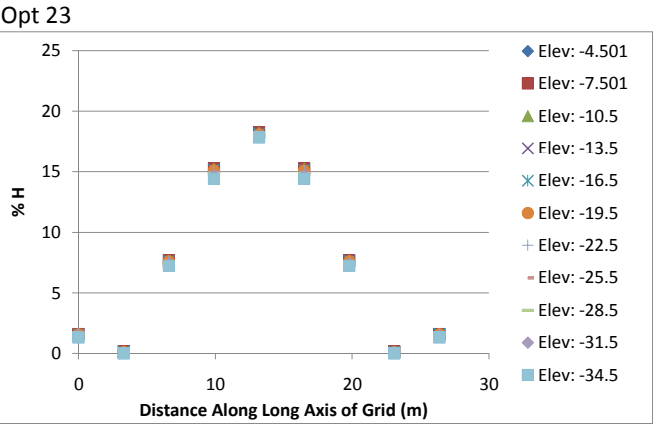
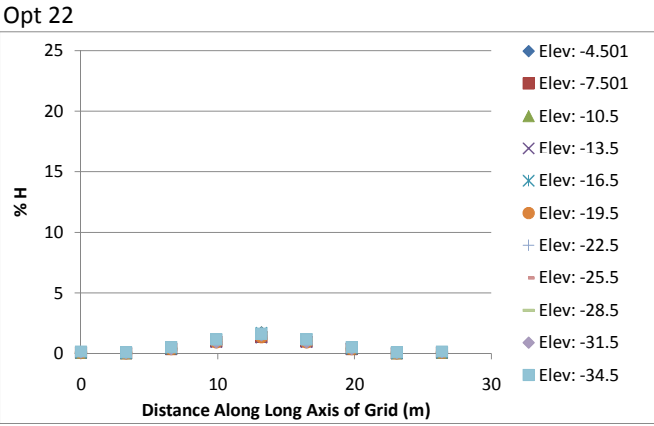
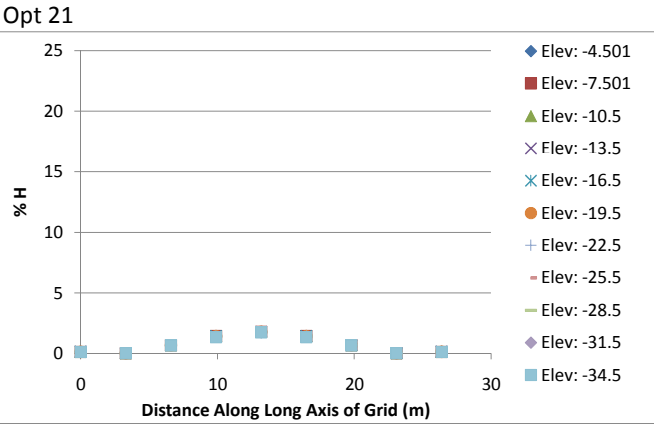
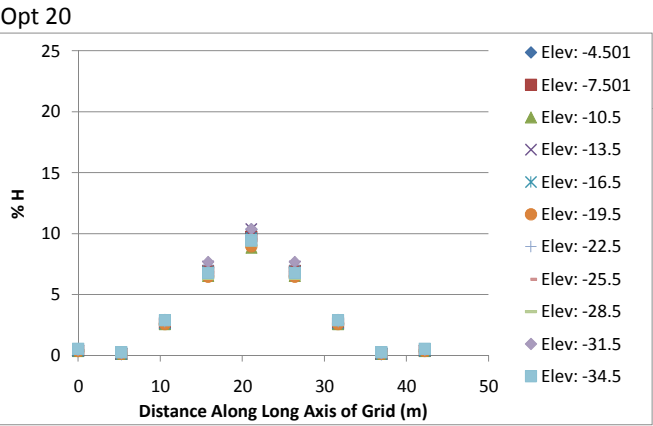
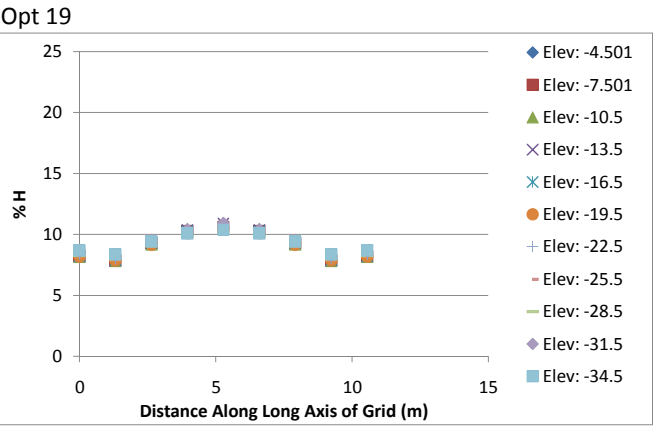
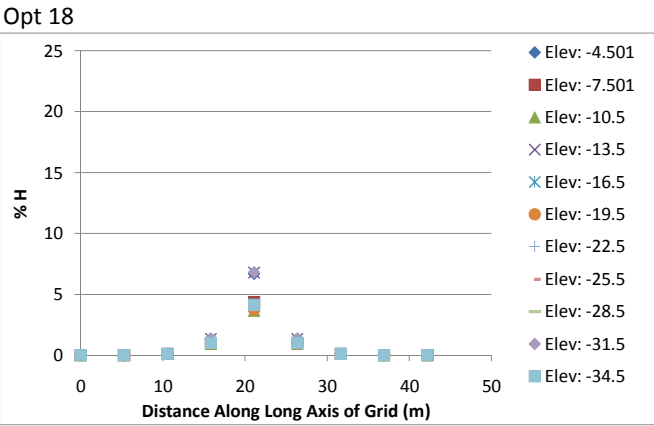
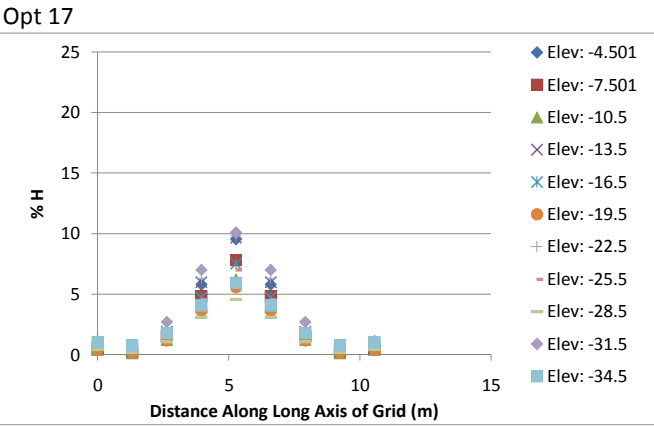


**P4-48**



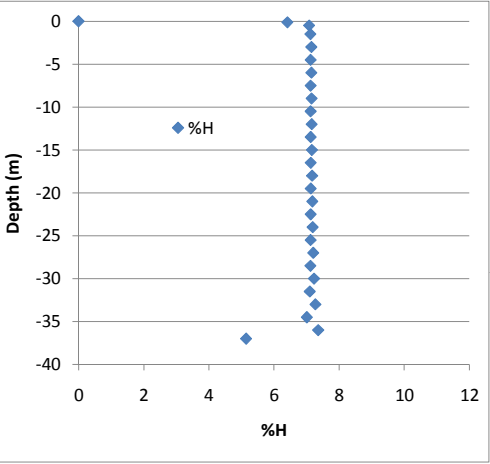
## **Appendix C – GEDIT Alternatives Simulation Results**



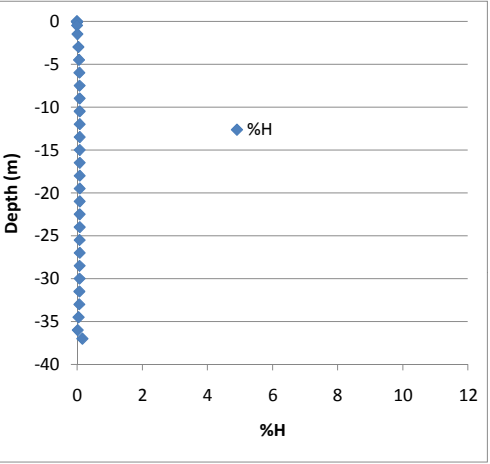




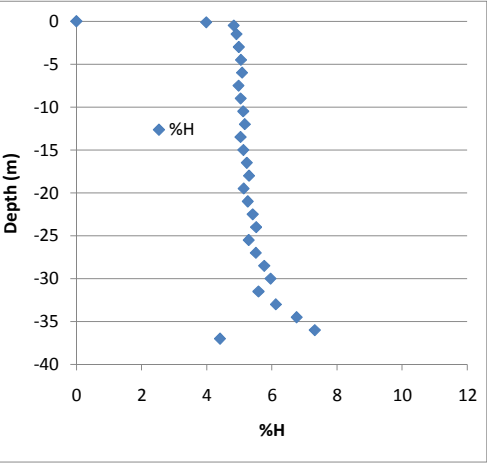
Opt 1, vdist: 3 m (10 ft)



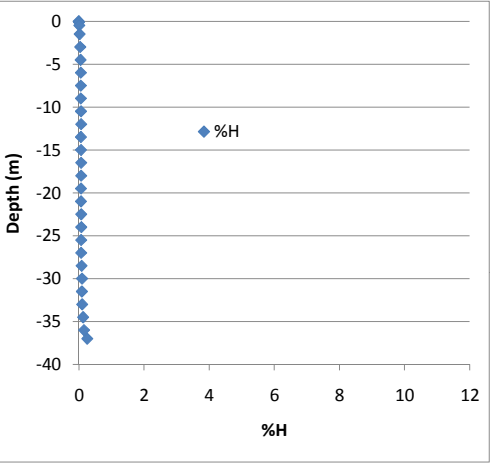
Opt 2, vdist: 3 m (10 ft)



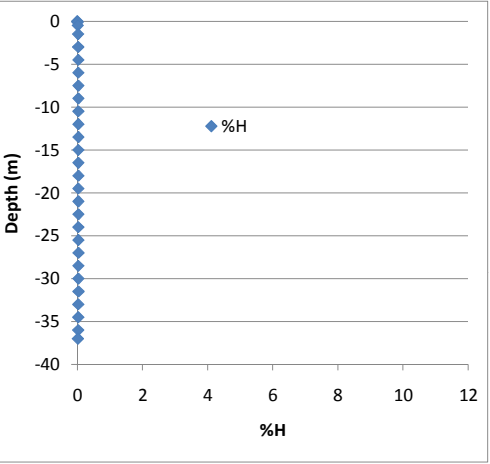
Opt 3, vdist: 6.1 m (20 ft)



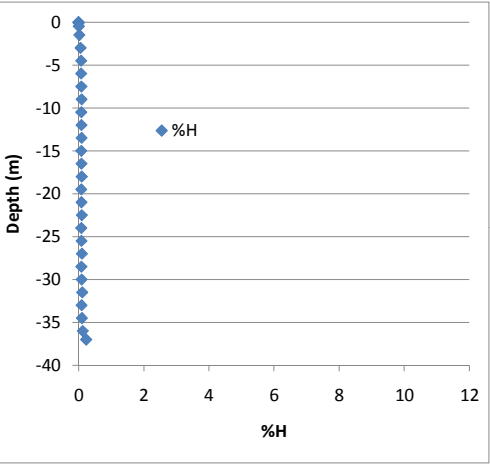
Opt 4, vdist: 6.1 m (20 ft)



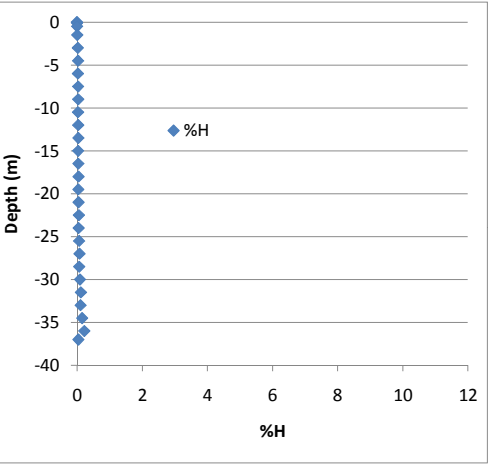
Opt 5, vdist: 4.6 m (15 ft)



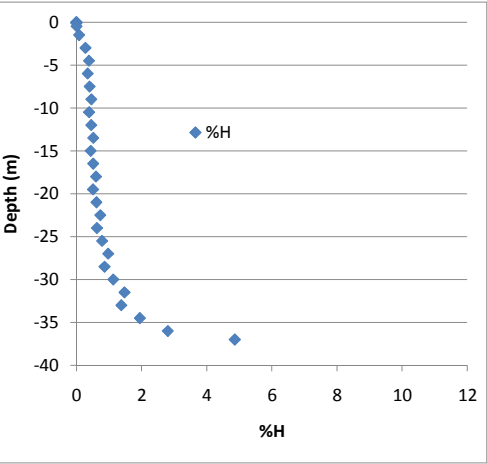
Opt 6, vdist: 4.6 m (15 ft)



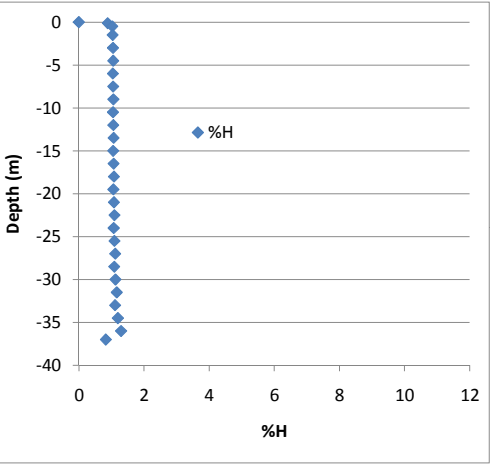
Opt 7, vdist: 4.6 m (15 ft)



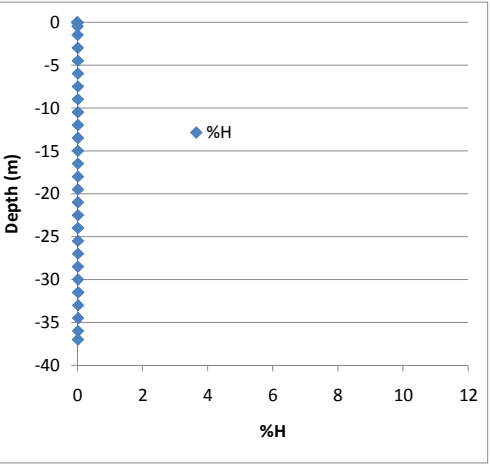
Opt 8, vdist: 4.6 m (15 ft)



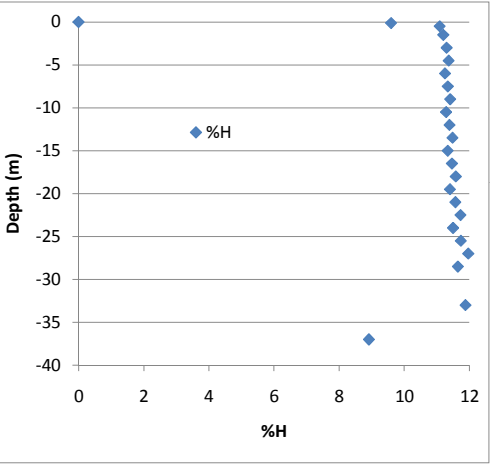
Opt 9, vdist: 4.6 m (15 ft)



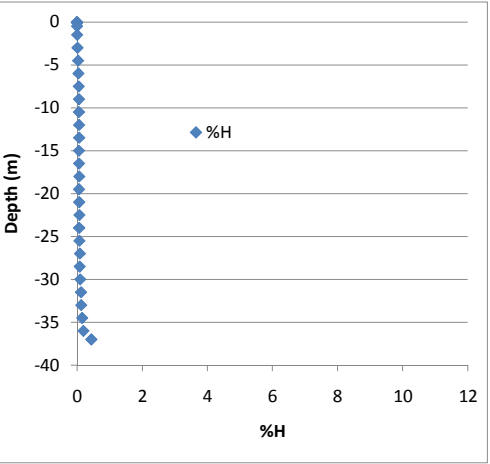
Opt 10, vdist: 4.6 m (15 ft)



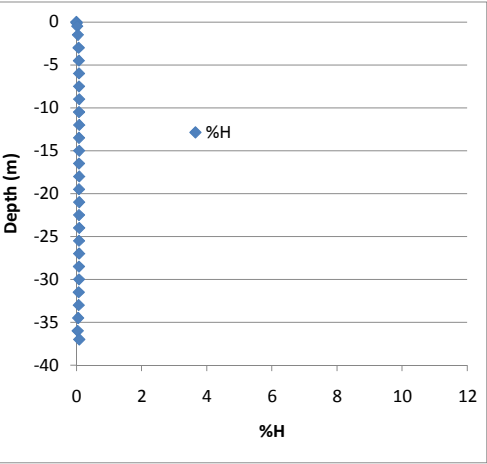
Opt 11, vdist: 4.6 m (15 ft)



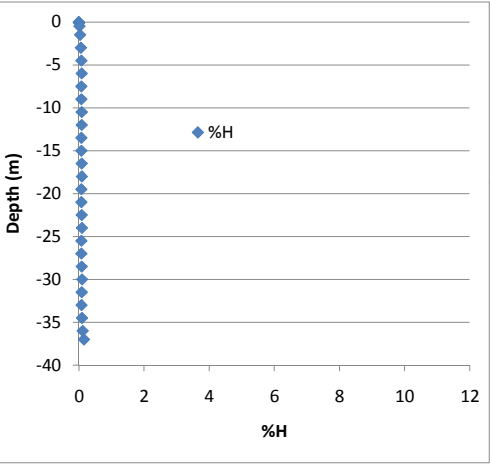
Opt 12, vdist: 4.6 m (15 ft)



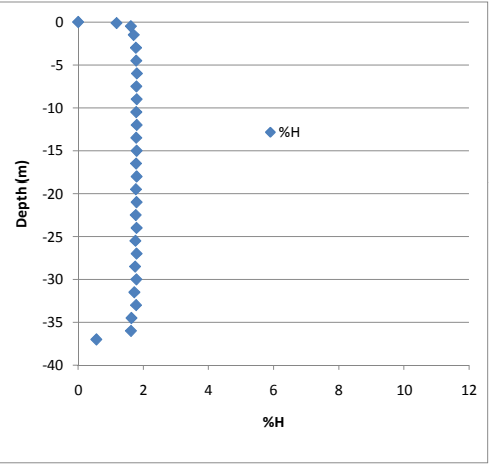
Opt 13, vdist: 3 m (10 ft)



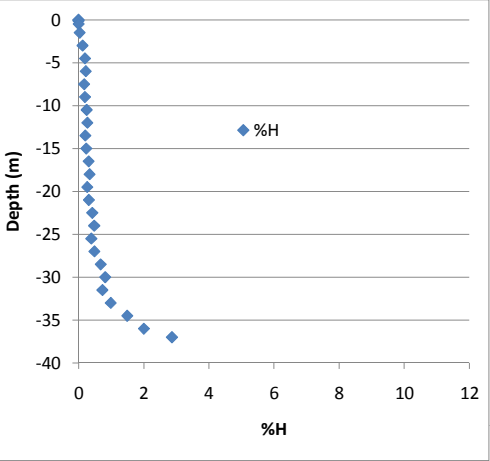
Opt 14, vdist: 6.1 m (20 ft)



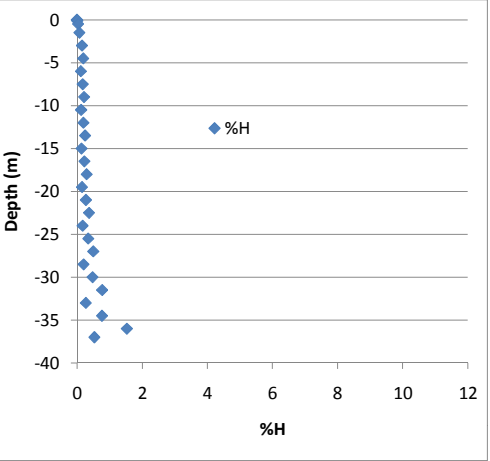
Opt 15, vdist: 3 m (10 ft)



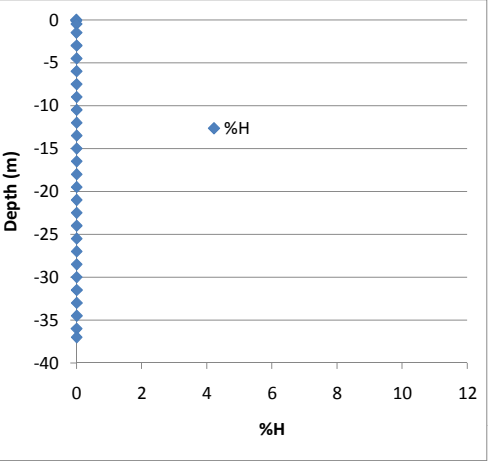
Opt 16, vdist: 6.1 m (20 ft)



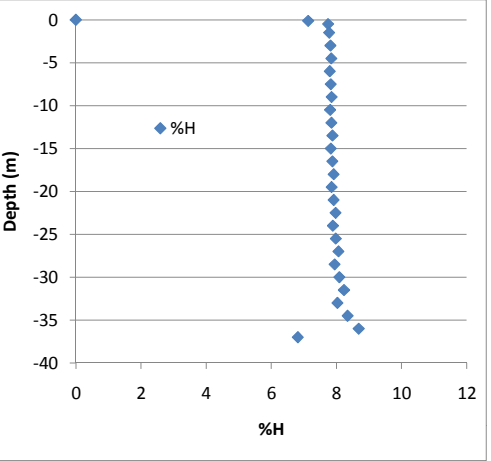
Opt 17, vdist: 4.6 m (15 ft)



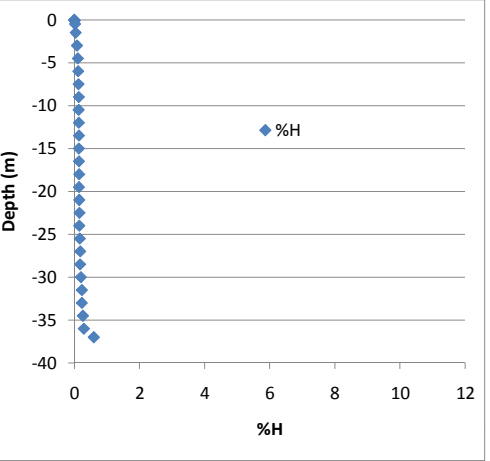
Opt 18, vdist: 4.6 m (15 ft)



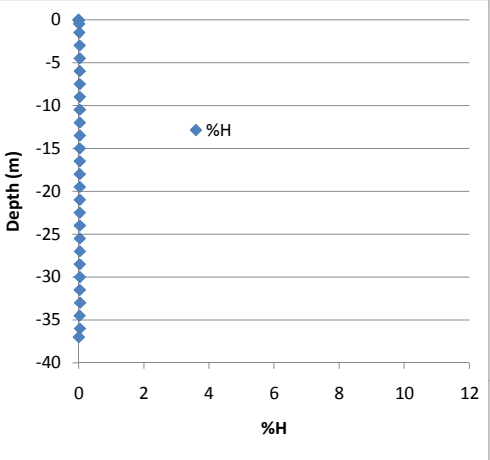
Opt 19, vdist: 4.6 m (15 ft)



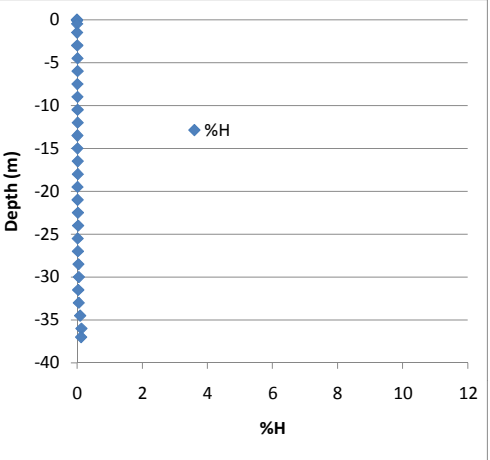
Opt 20, vdist: 4.6 m (15 ft)



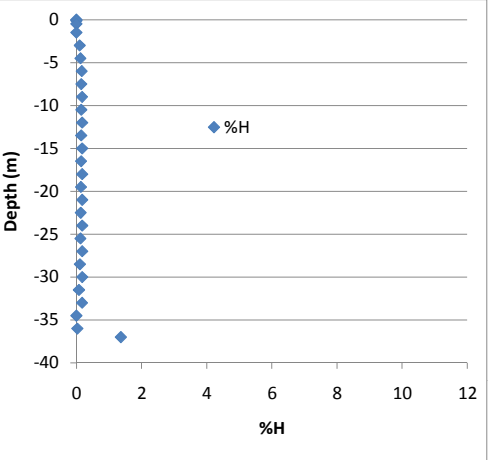
Opt 21, vdist: 3 m (10 ft)



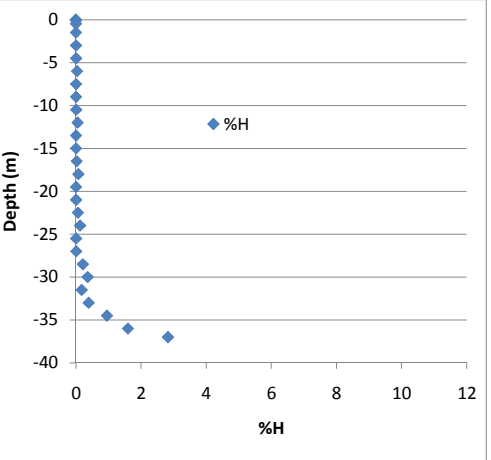
Opt 22, vdist: 6.1 m (20 ft)



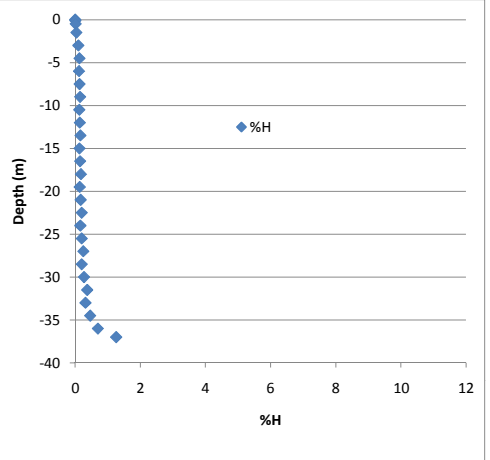
Opt 23, vdist: 3 m (10 ft)



Opt 24, vdist: 6.1 m (20 ft)

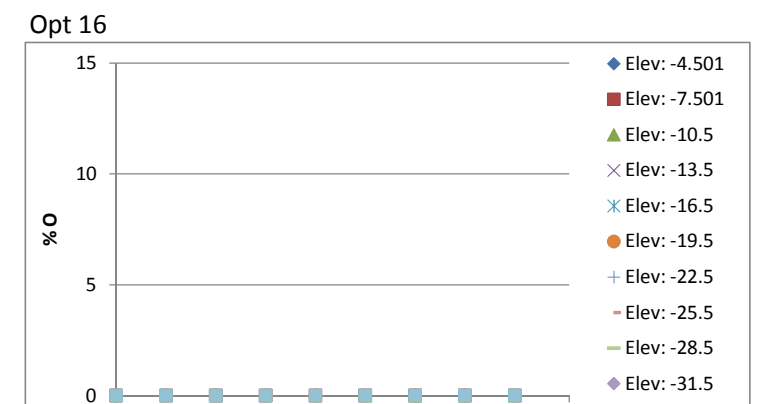
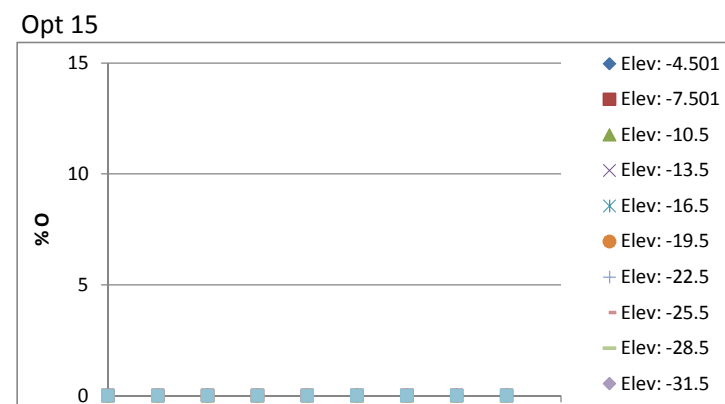
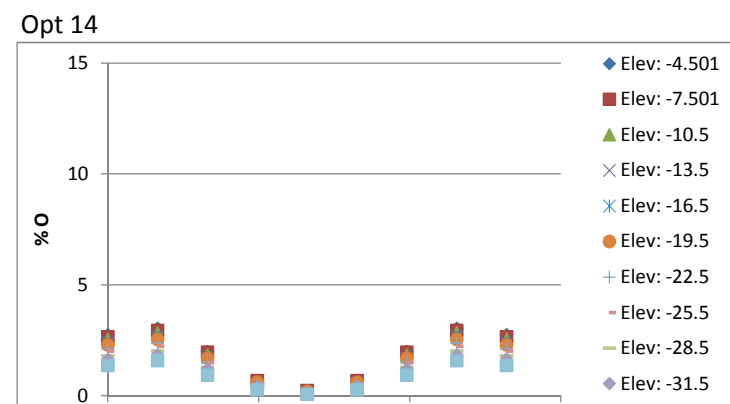
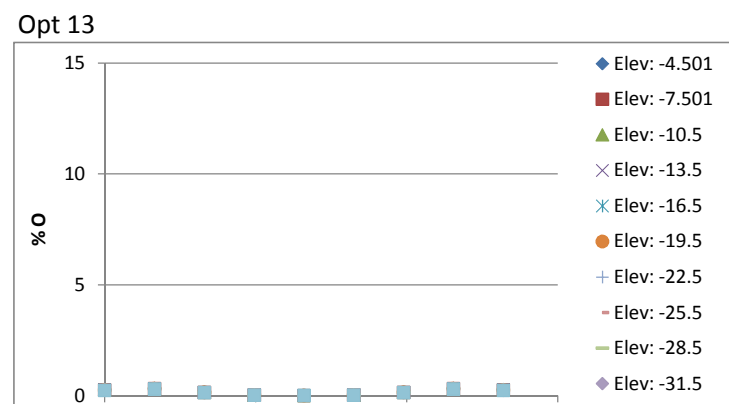
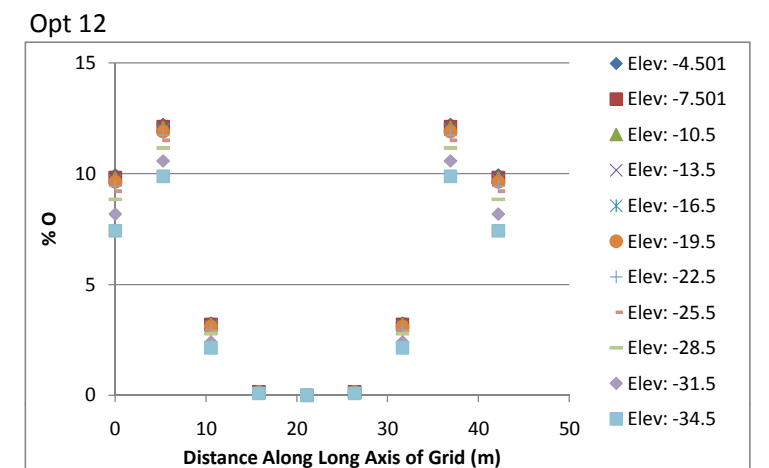
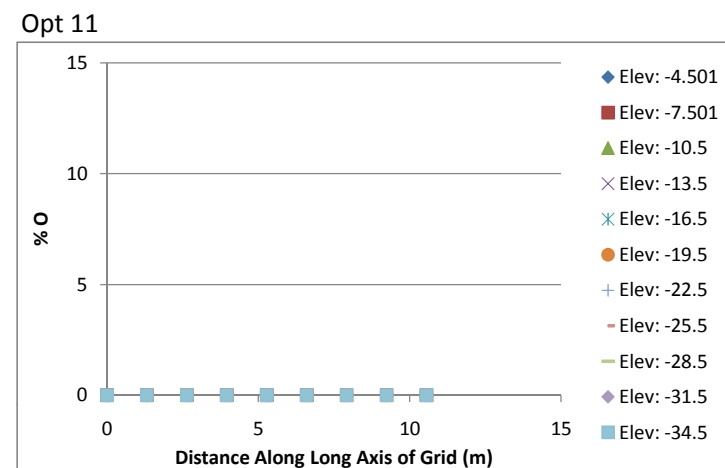
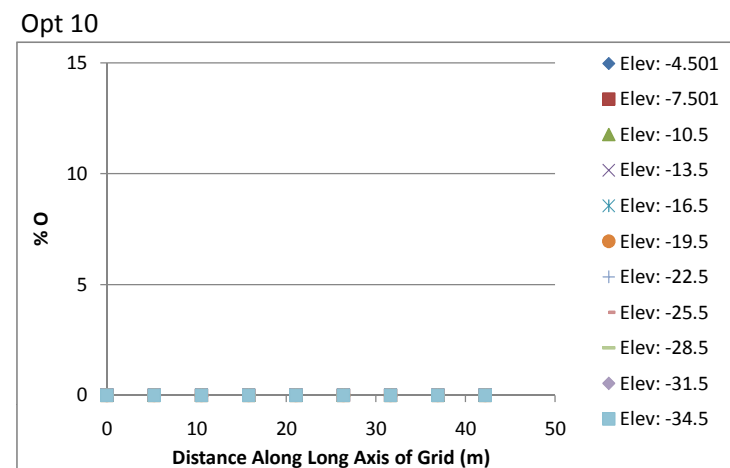
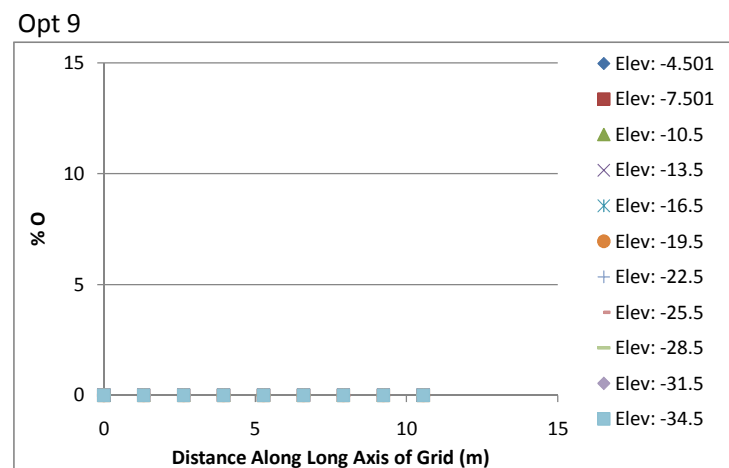
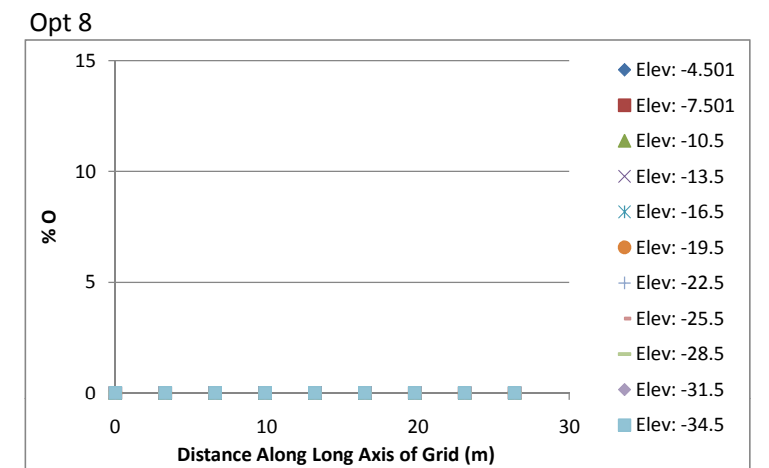
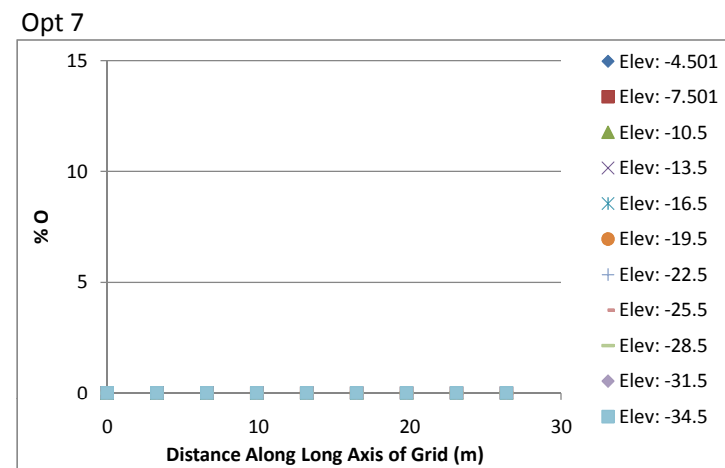
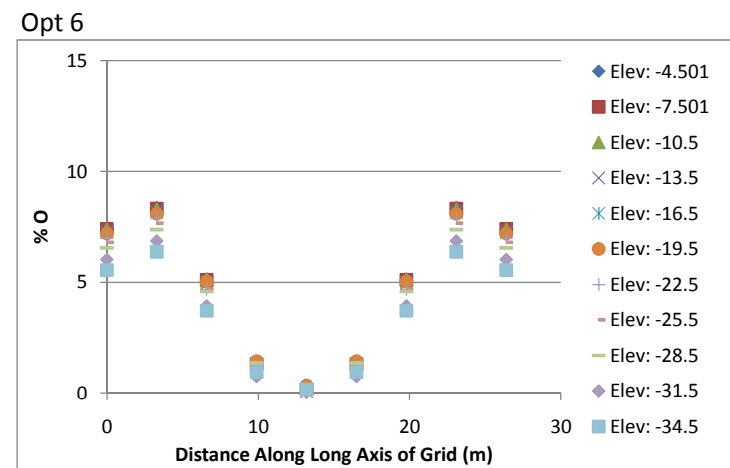
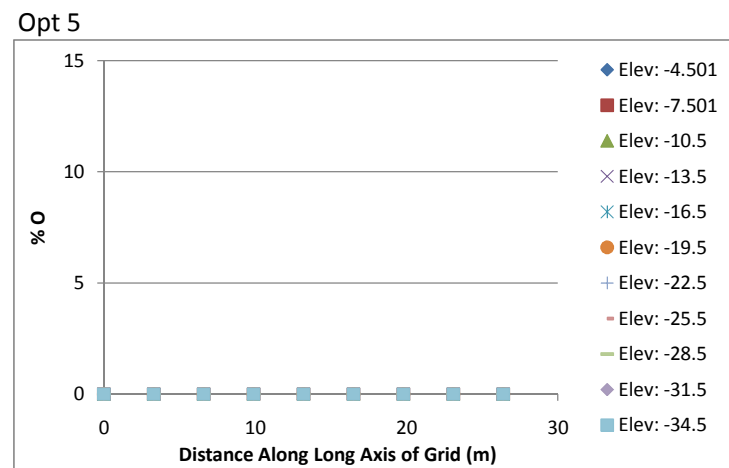
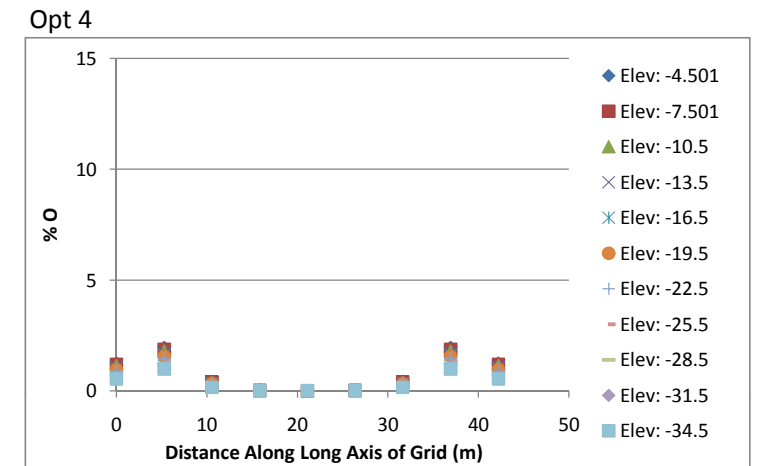
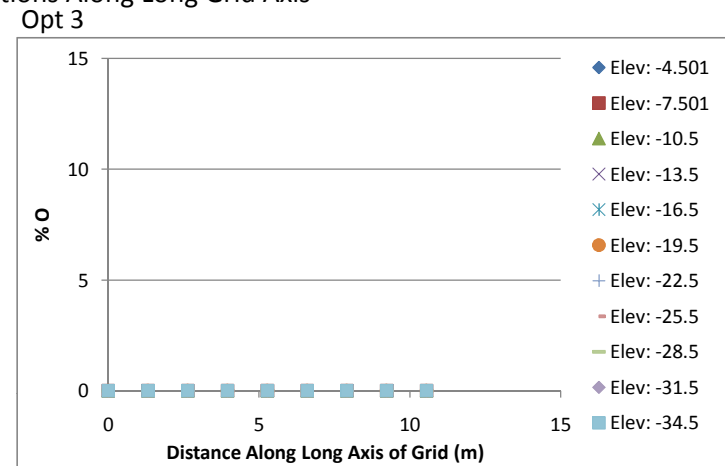
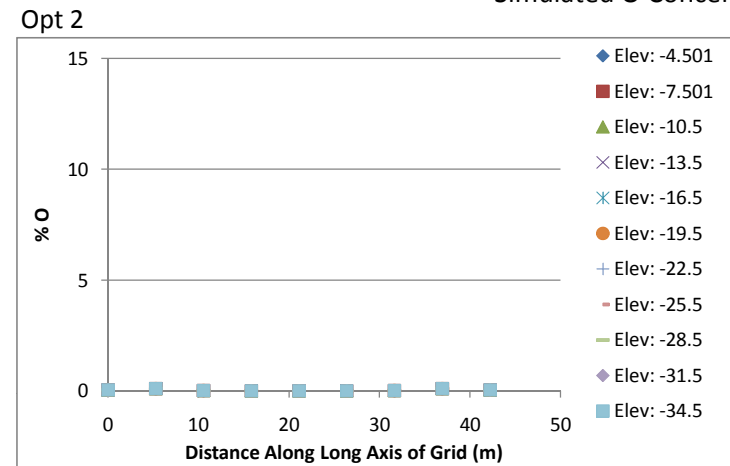
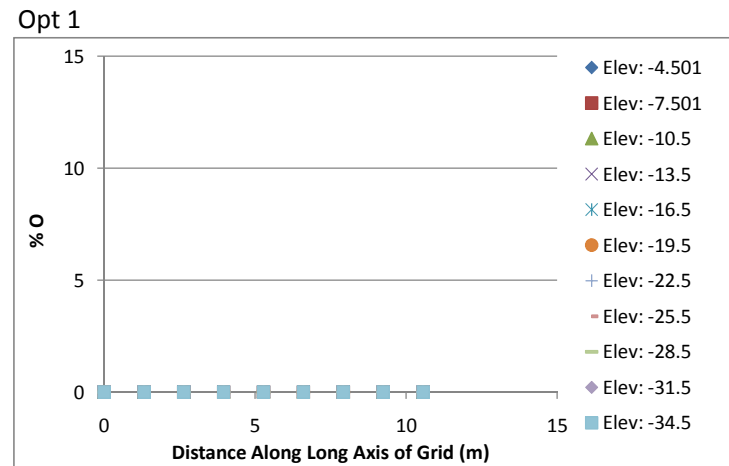


Opt 25, vdist: 4.6 m (15 ft)



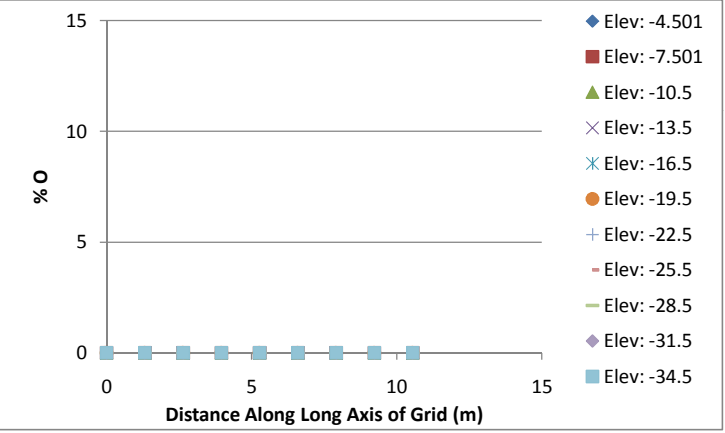
## Appendix C

### Simulated O Concentrations Along Long Grid Axis

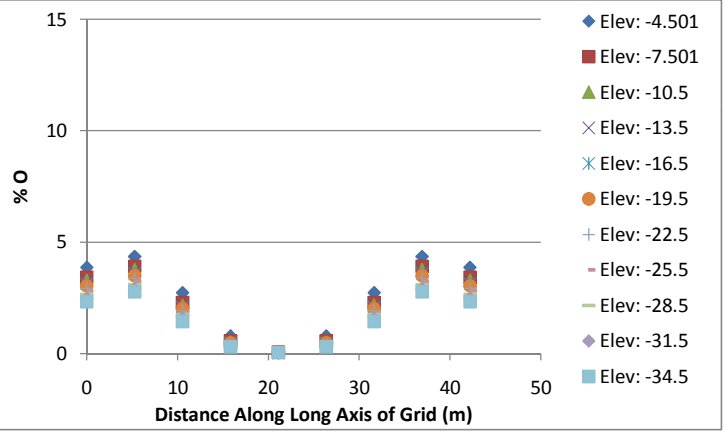


Appendix C  
Simulated O Concentrations Along Long Grid Axis

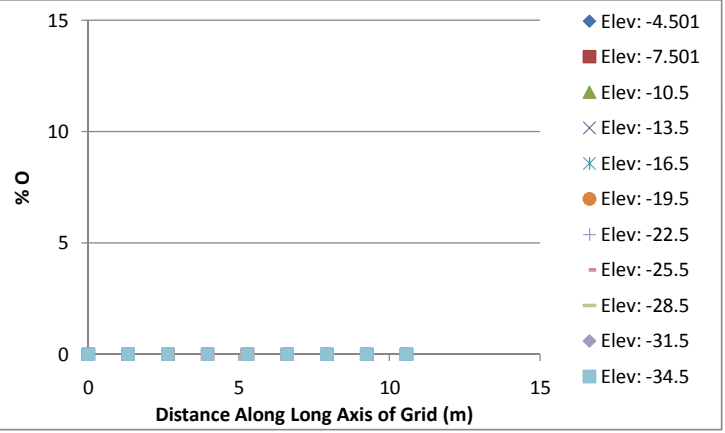
Opt 17



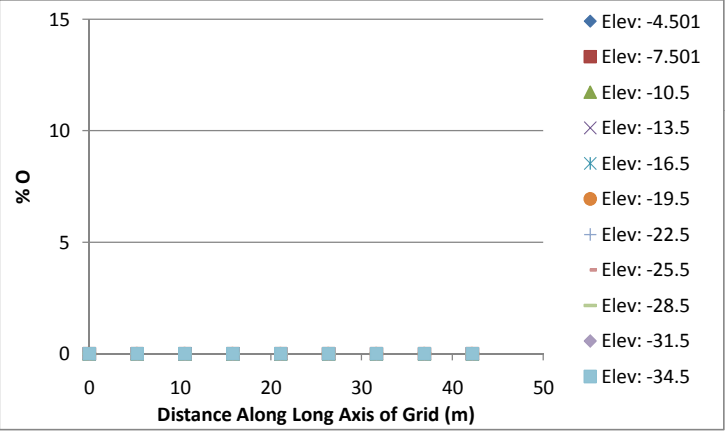
Opt 18



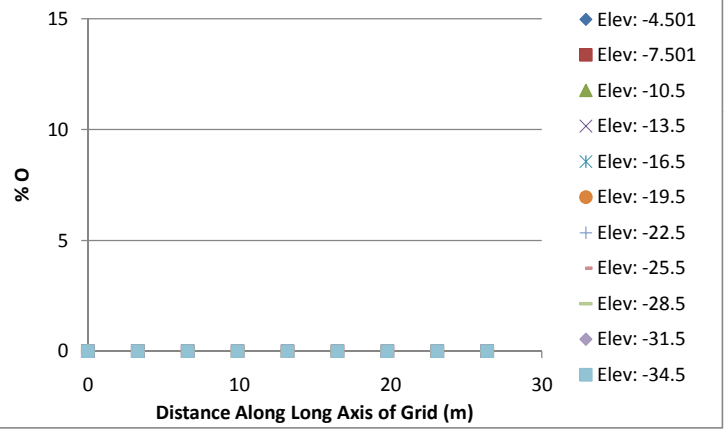
Opt 19



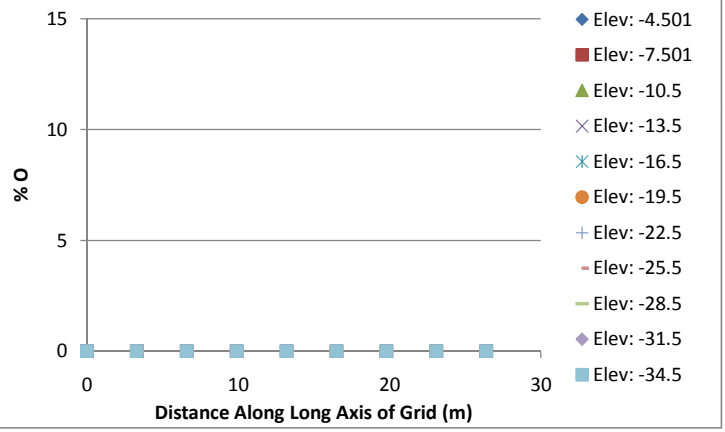
Opt 20



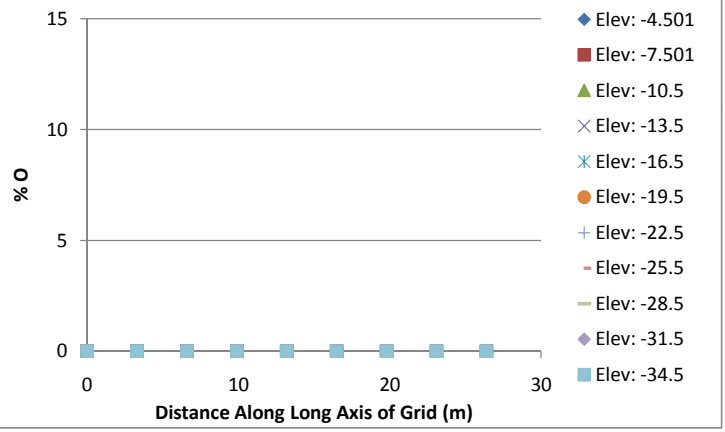
Opt 21



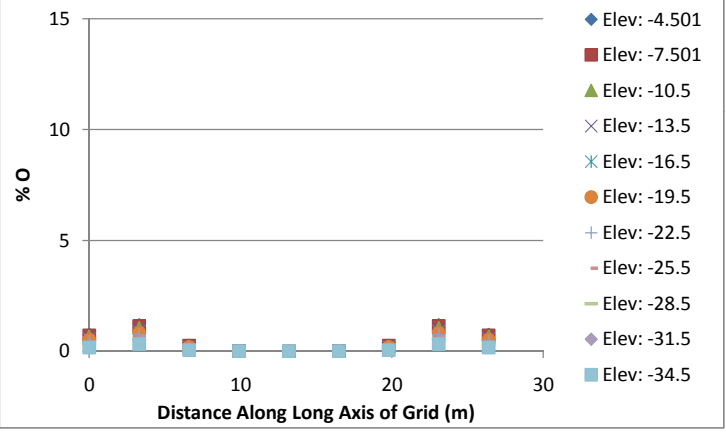
Opt 22



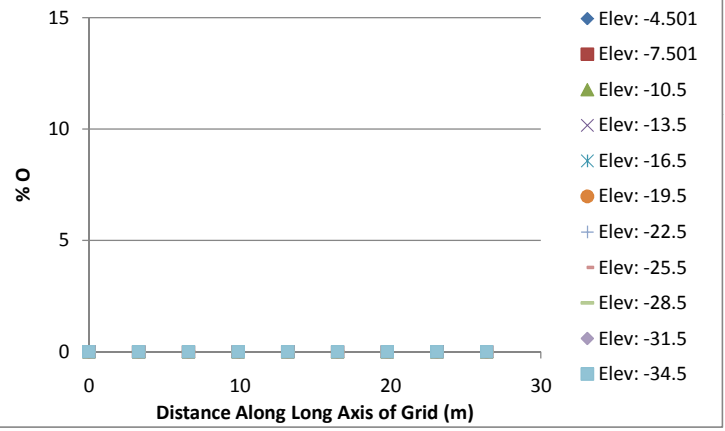
Opt 23



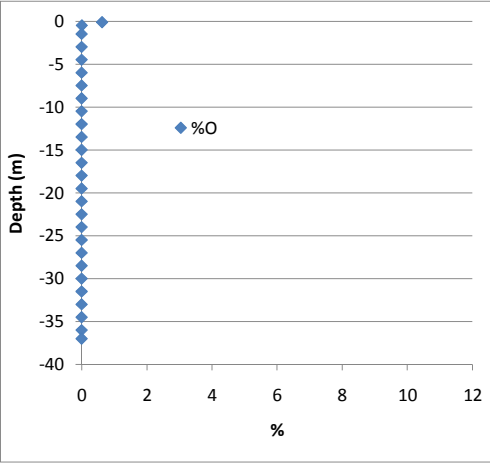
Opt 24



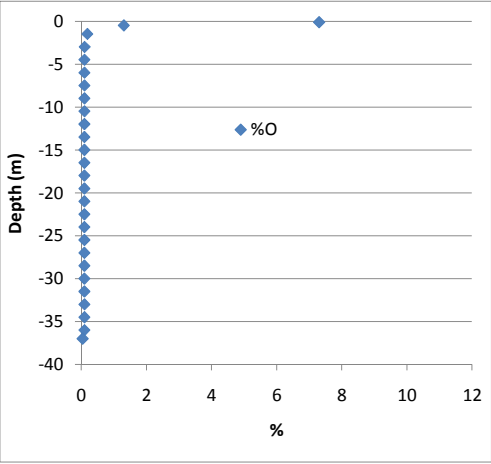
Opt 25



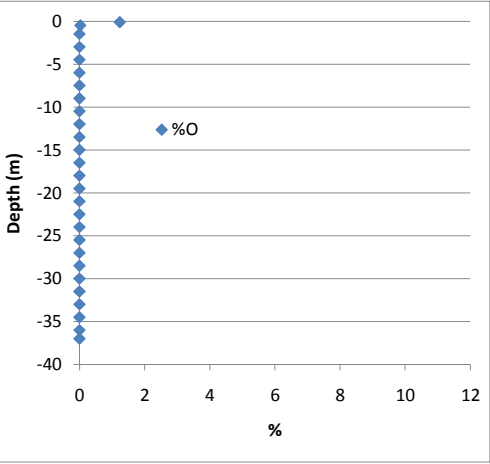
Opt 1, vdist: 3 m (10 ft)



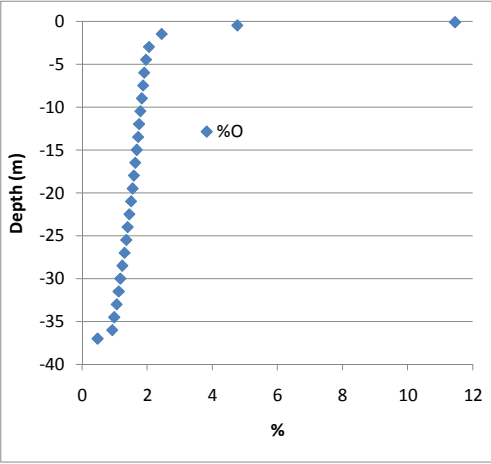
Opt 2, vdist: 3 m (10 ft)



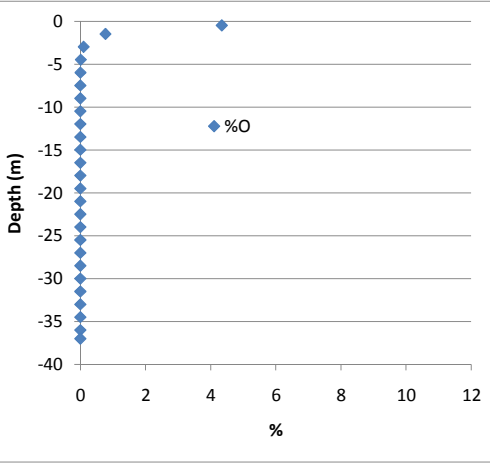
Opt 3, vdist: 6.1 m (20 ft)



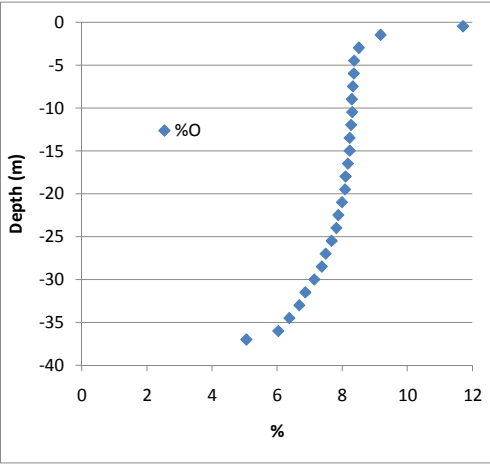
Opt 4, vdist: 6.1 m (20 ft)



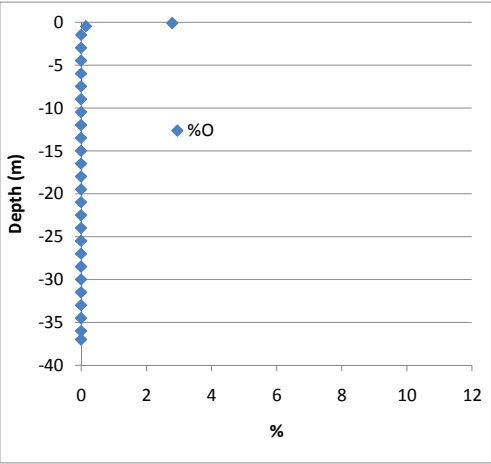
Opt 5, vdist: 4.6 m (15 ft)



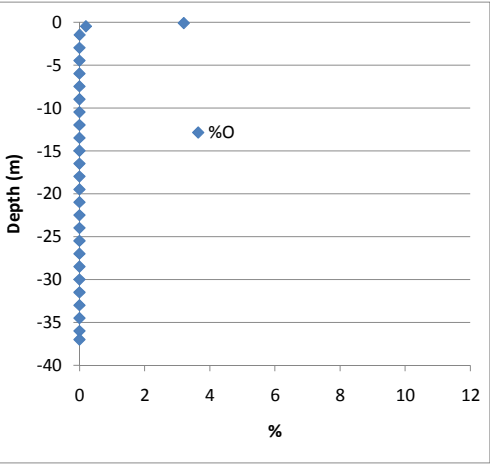
Opt 6, vdist: 4.6 m (15 ft)



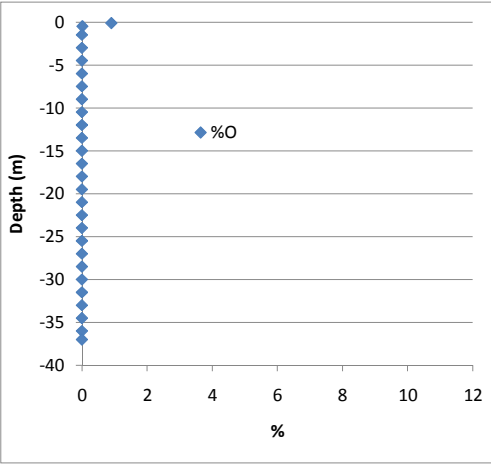
Opt 7, vdist: 4.6 m (15 ft)



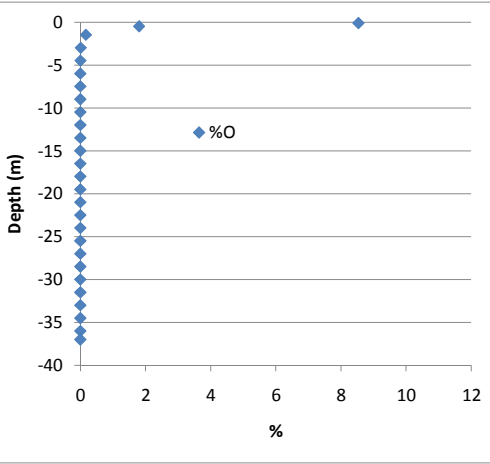
Opt 8, vdist: 4.6 m (15 ft)



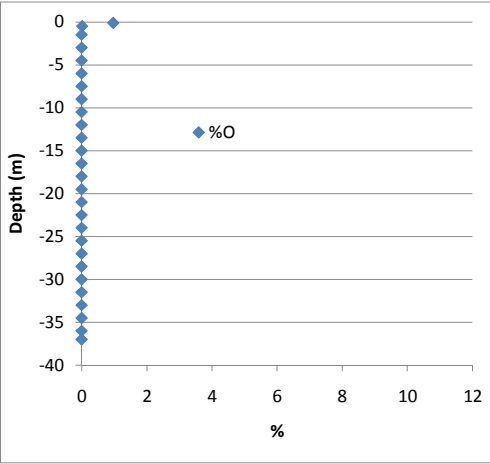
Opt 9, vdist: 4.6 m (15 ft)



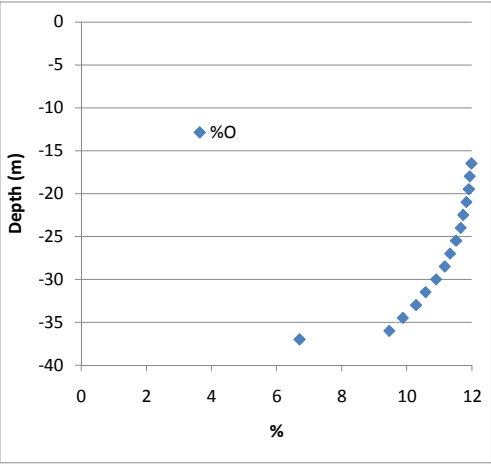
Opt 10, vdist: 4.6 m (15 ft)



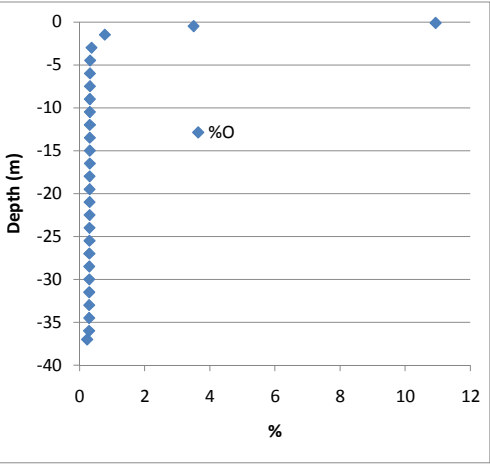
Opt 11, vdist: 4.6 m (15 ft)



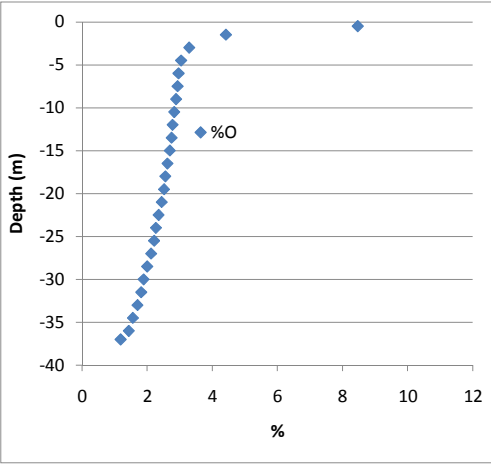
Opt 12, vdist: 4.6 m (15 ft)



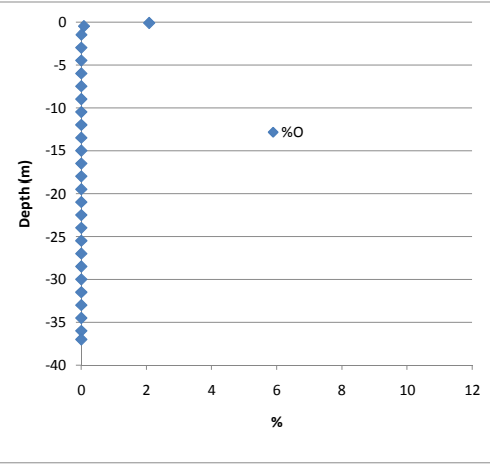
Opt 13, vdist: 3 m (10 ft)



Opt 14, vdist: 6.1 m (20 ft)

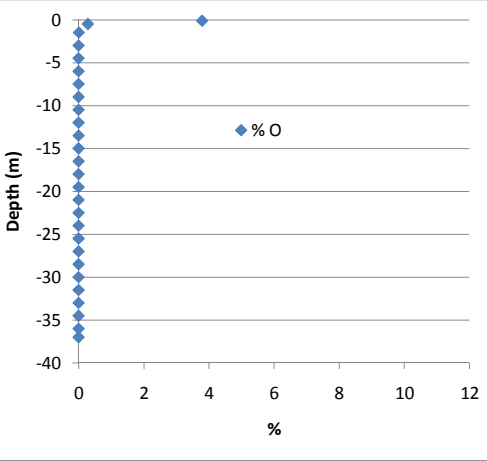


Opt 15, vdist: 3 m (10 ft)

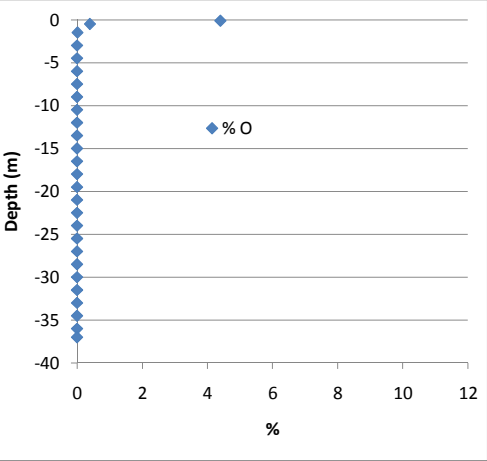


%O

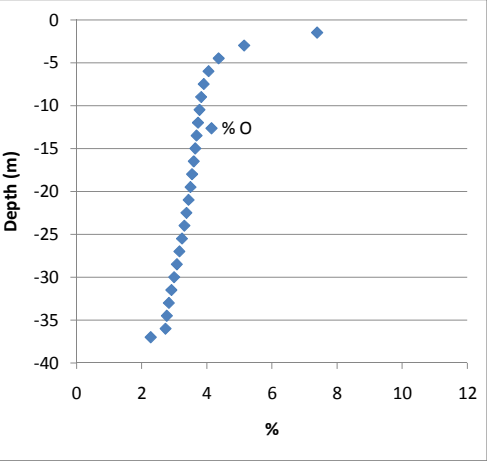
Opt 16, vdist: 6.1 m (20 ft)



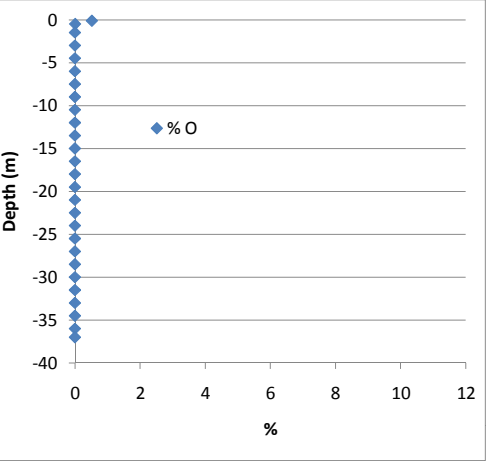
Opt 17, vdist: 4.6 m (15 ft)



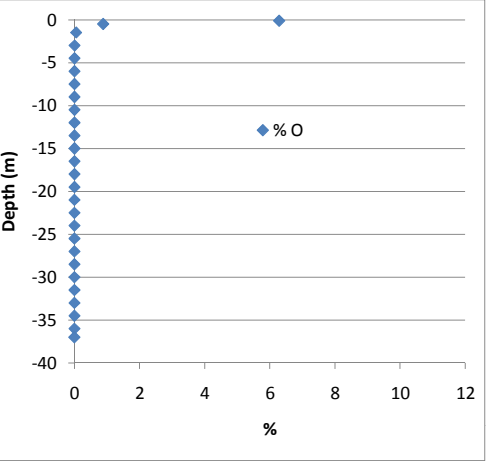
Opt 18, vdist: 4.6 m (15 ft)



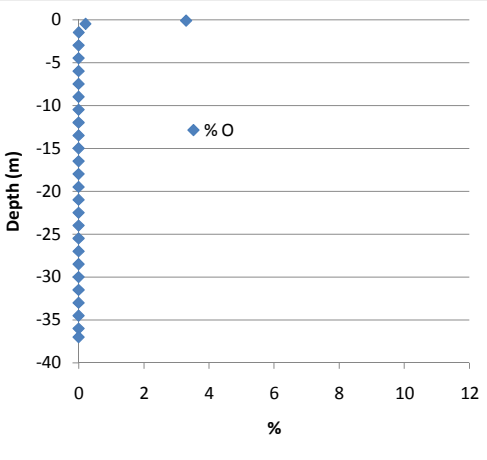
Opt 19, vdist: 4.6 m (15 ft)



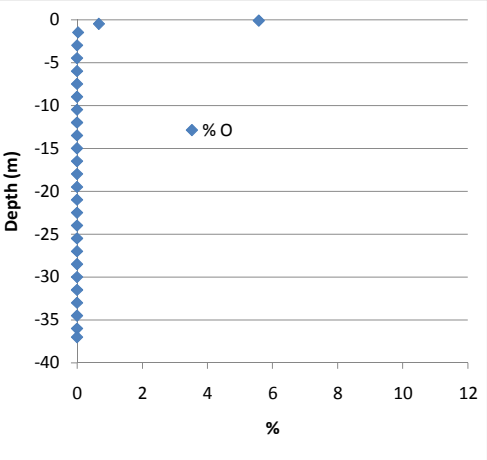
Opt 20, vdist: 4.6 m (15 ft)



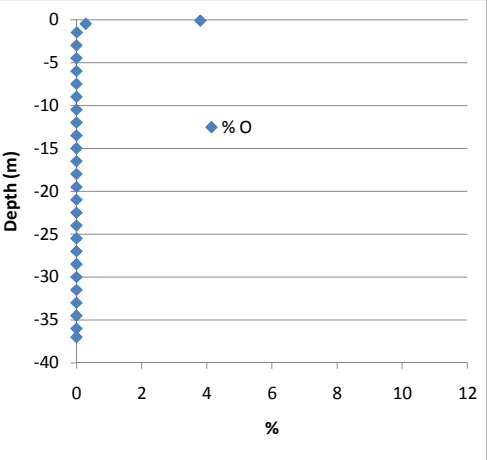
Opt 21, vdist: 3 m (10 ft)



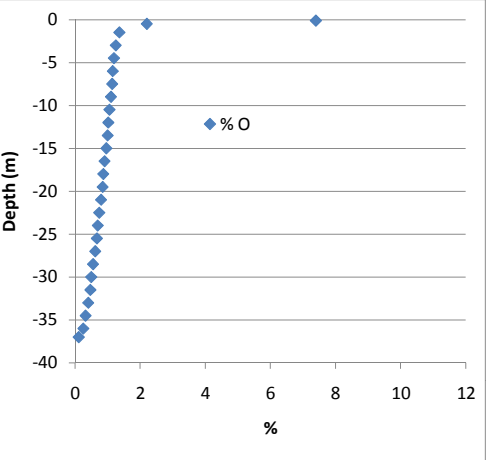
Opt 22, vdist: 6.1 m (20 ft)



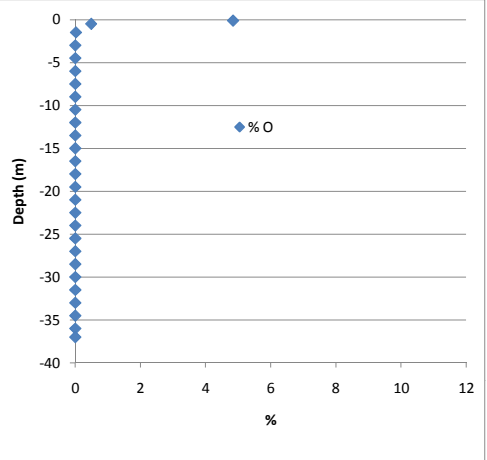
Opt 23, vdist: 3 m (10 ft)



Opt 24, vdist: 6.1 m (20 ft)



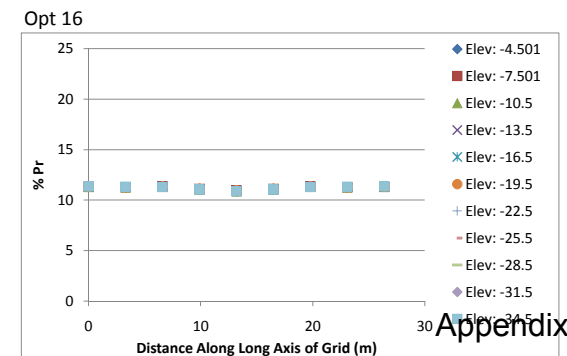
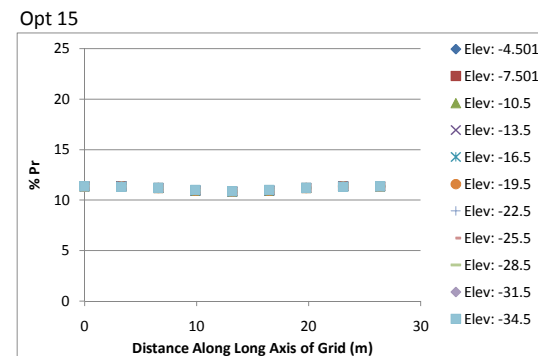
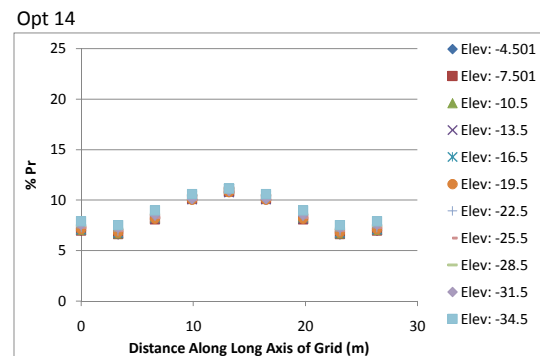
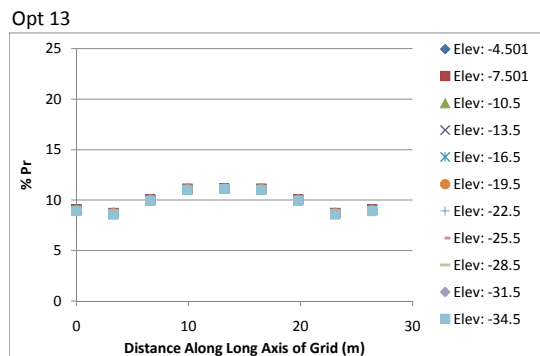
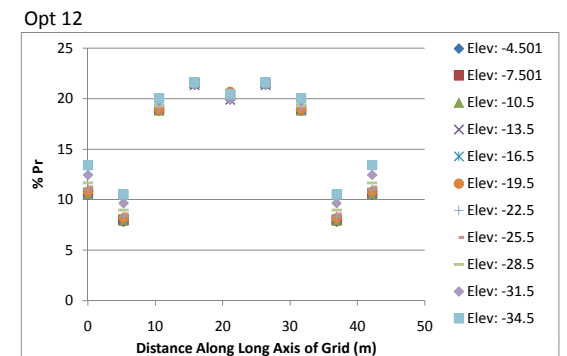
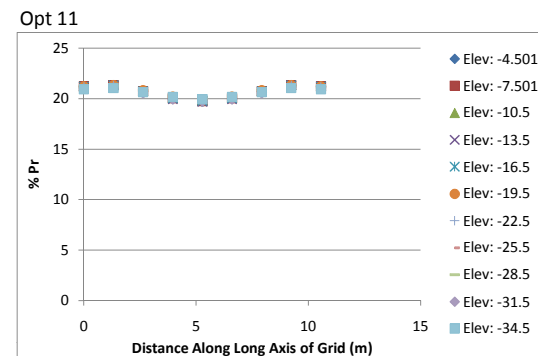
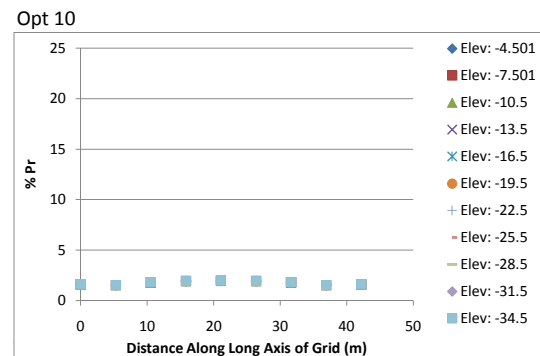
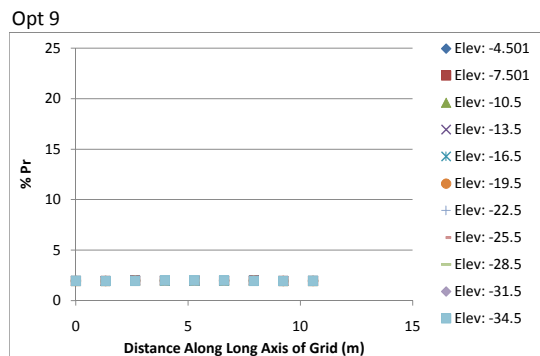
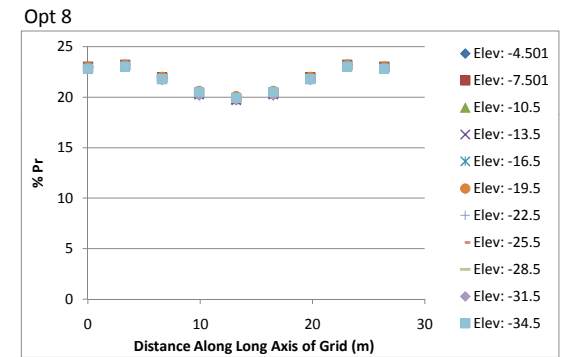
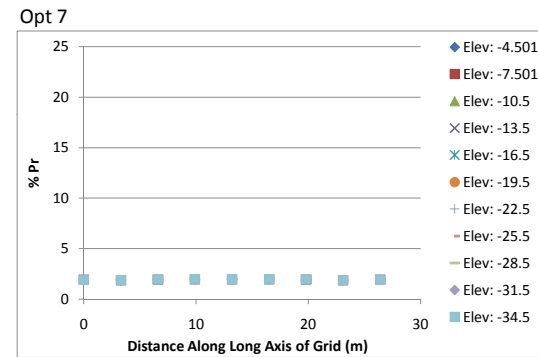
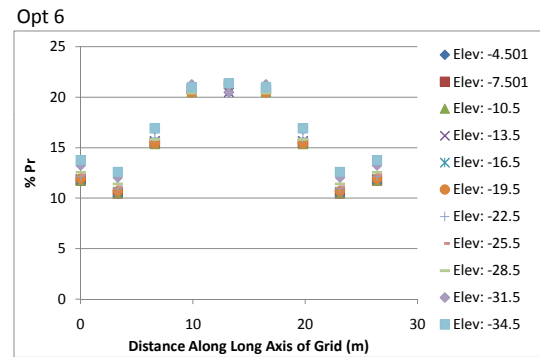
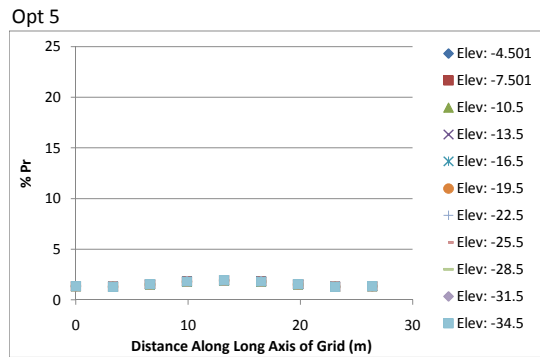
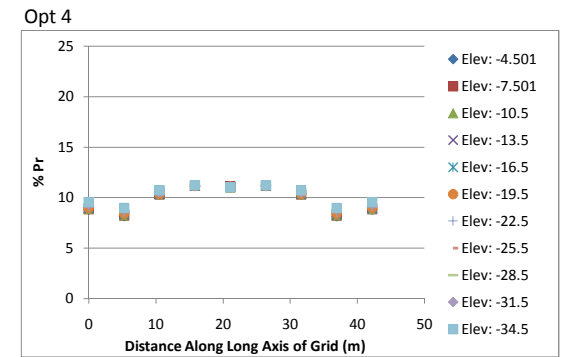
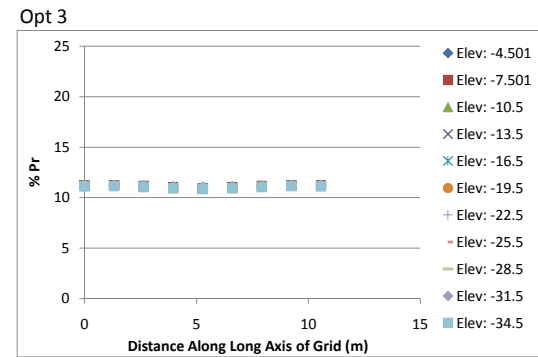
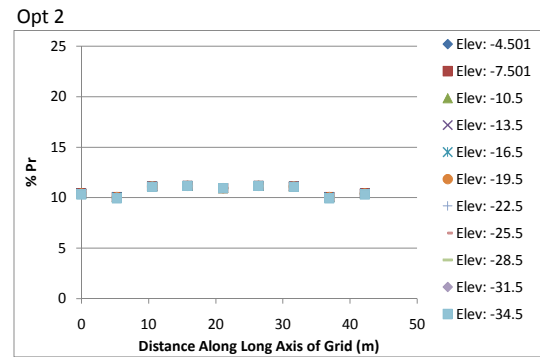
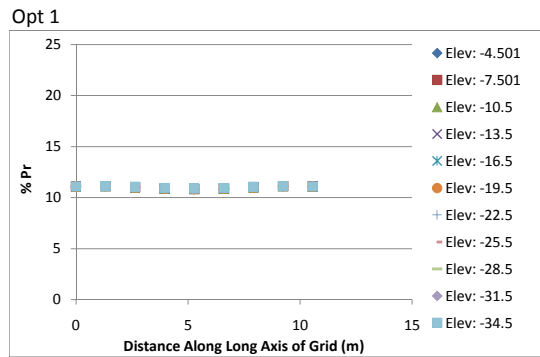
Opt 25, vdist: 4.6 m (15 ft)



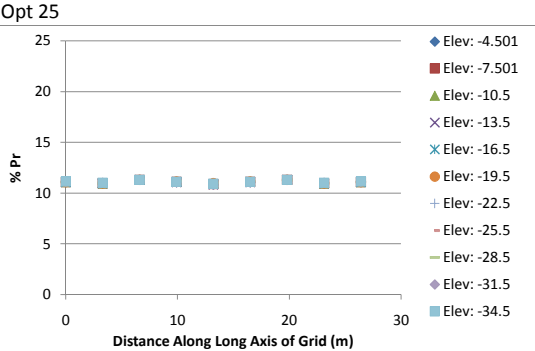
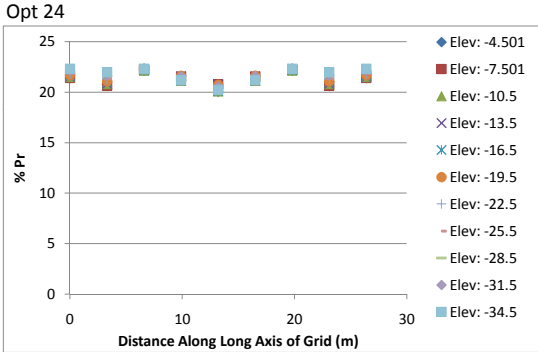
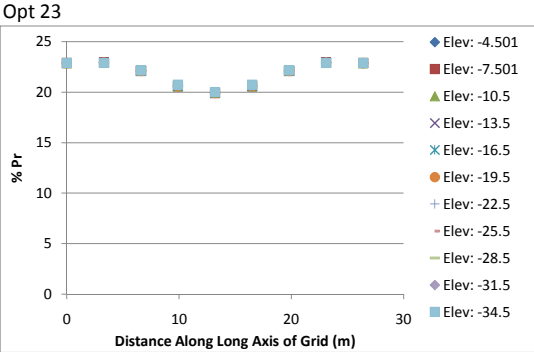
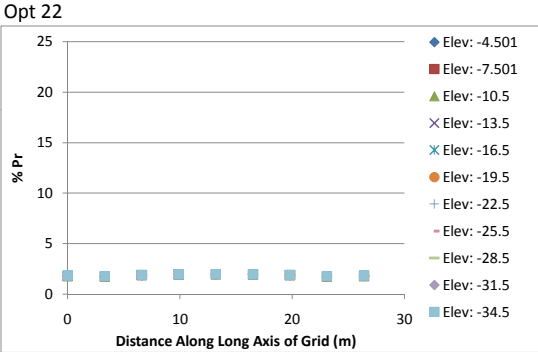
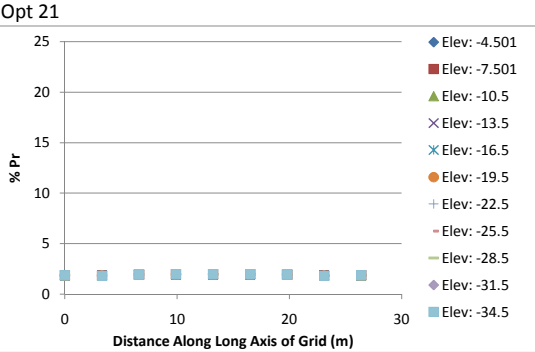
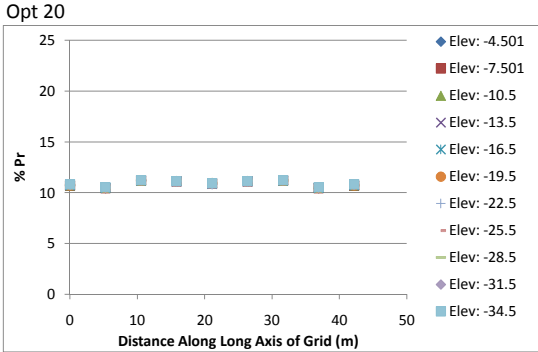
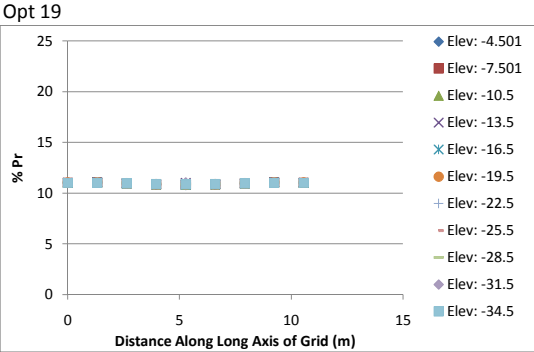
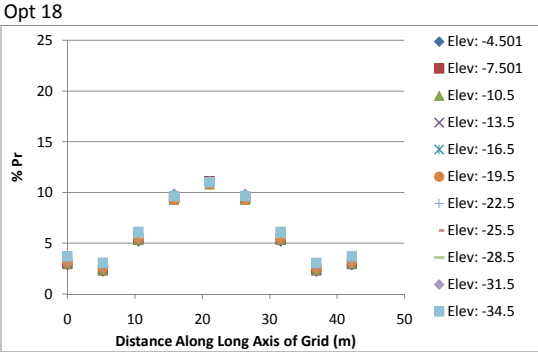
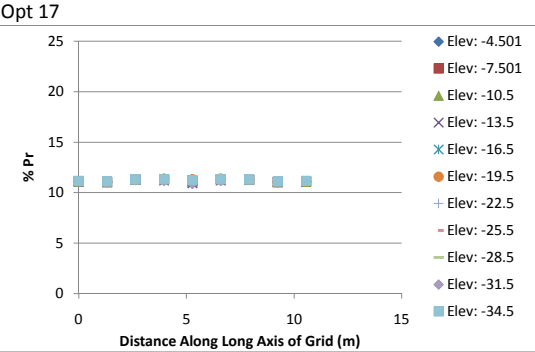
% O

## Appendix C

### Simulated Propane Concentrations Along Long Grid Axis

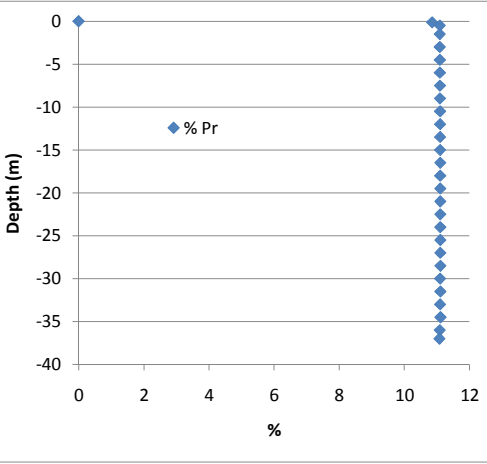


Appendix C  
Simulated Propane Concentrations Along Long Grid Axis

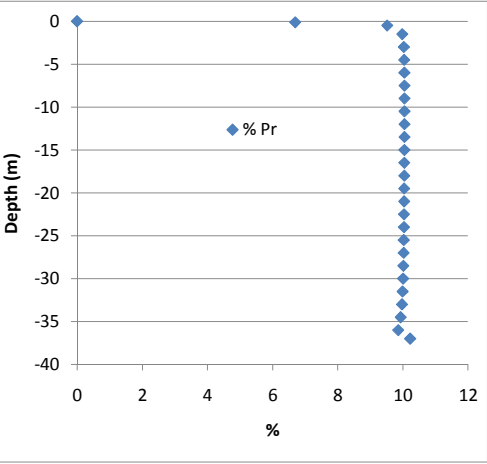




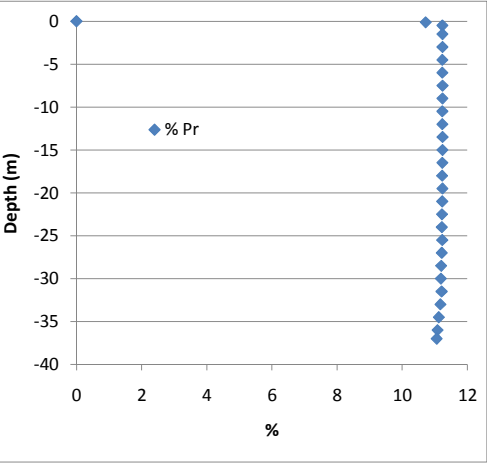
Opt 1, vdist: 3 m (10 ft)



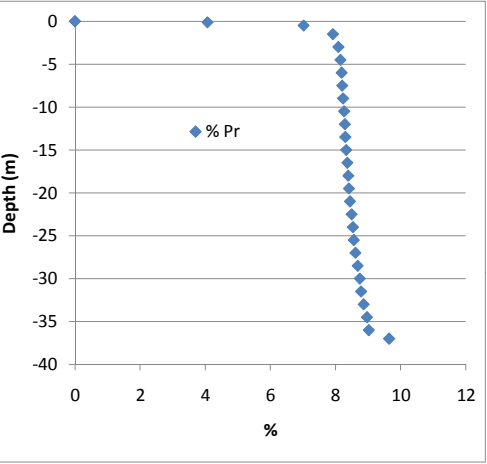
Opt 2, vdist: 3 m (10 ft)



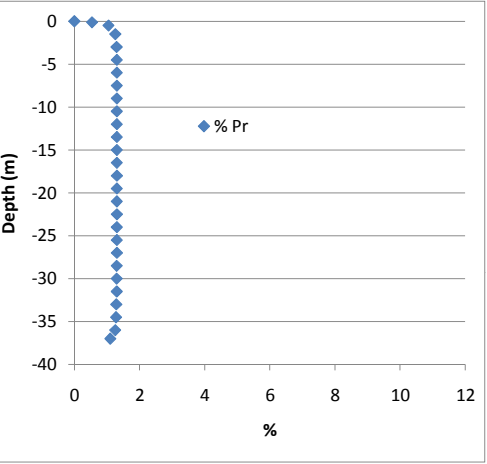
Opt 3, vdist: 6.1 m (20 ft)



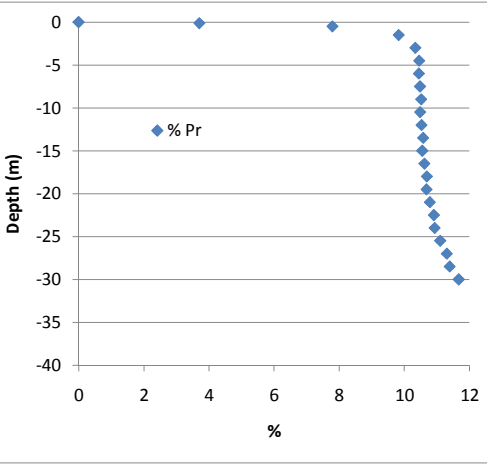
Opt 4, vdist: 6.1 m (20 ft)



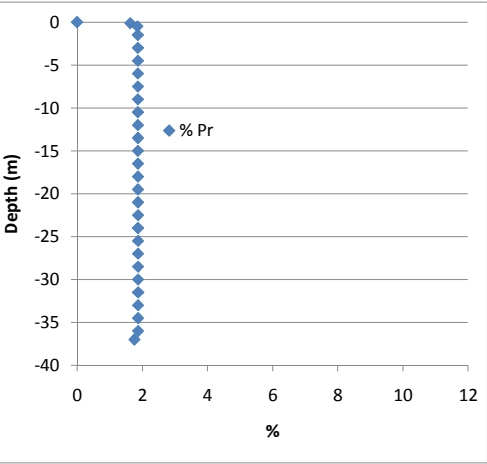
Opt 5, vdist: 4.6 m (15 ft)



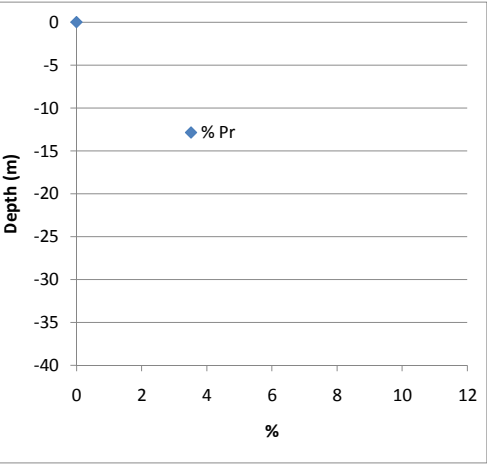
Opt 6, vdist: 4.6 m (15 ft)



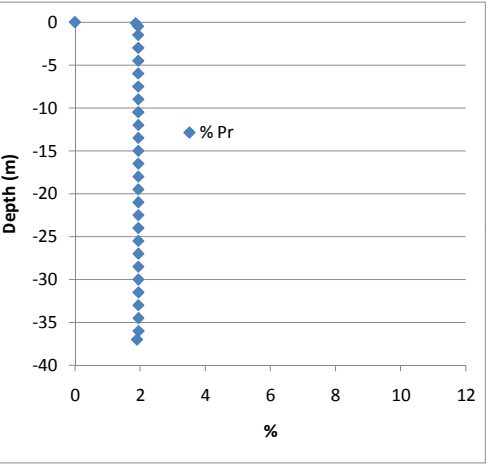
Opt 7, vdist: 4.6 m (15 ft)



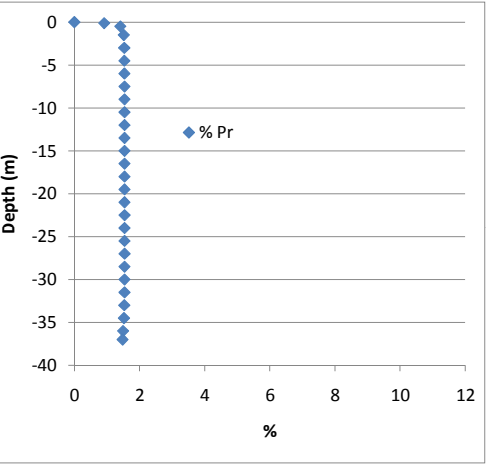
Opt 8, vdist: 4.6 m (15 ft)



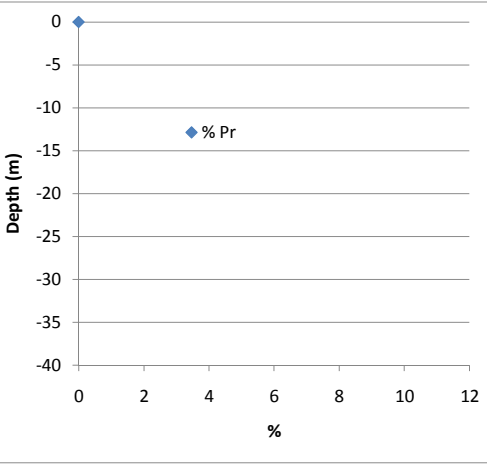
Opt 9, vdist: 4.6 m (15 ft)



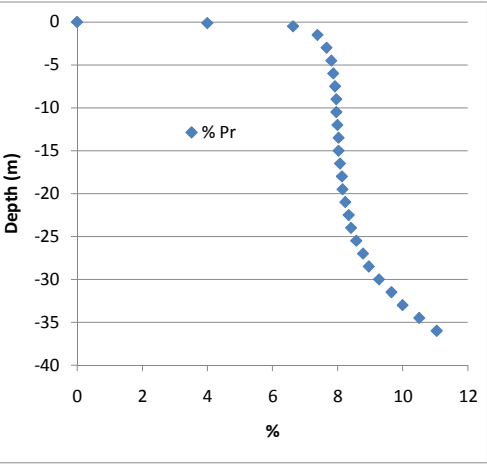
Opt 10, vdist: 4.6 m (15 ft)



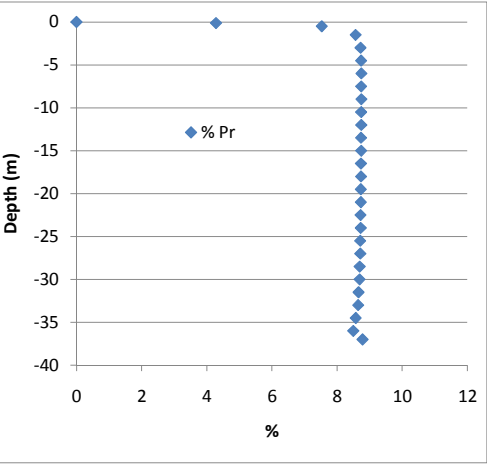
Opt 11, vdist: 4.6 m (15 ft)



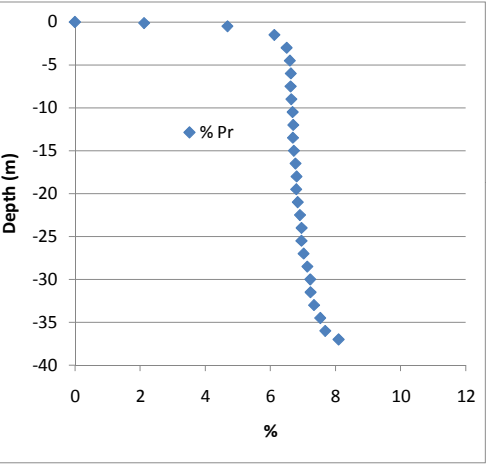
Opt 12, vdist: 4.6 m (15 ft)



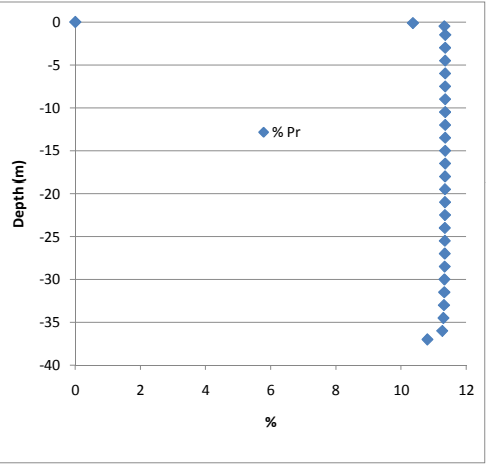
Opt 13, vdist: 3 m (10 ft)



Opt 14, vdist: 6.1 m (20 ft)

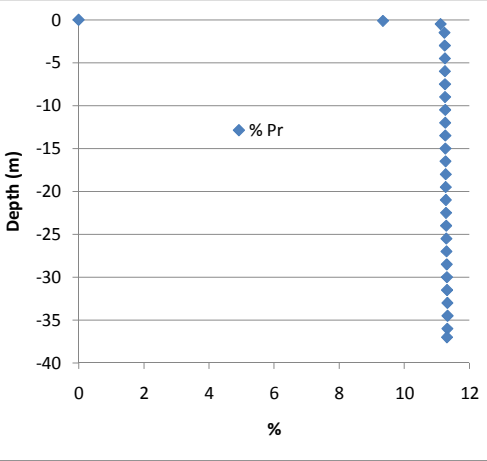


Opt 15, vdist: 3 m (10 ft)

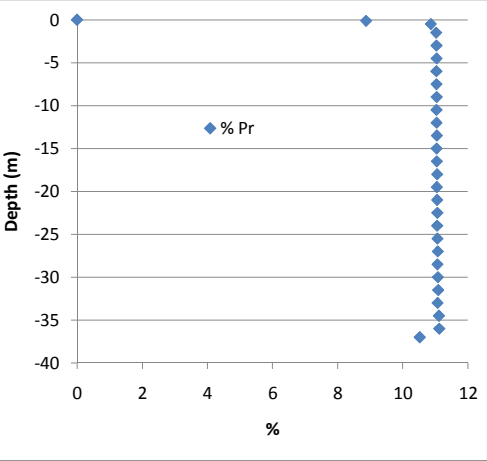


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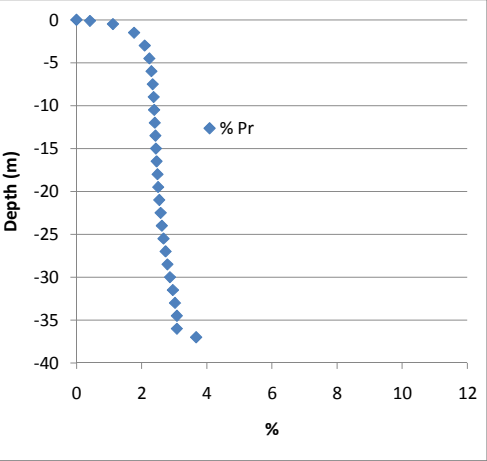
Opt 16, vdist: 6.1 m (20 ft)



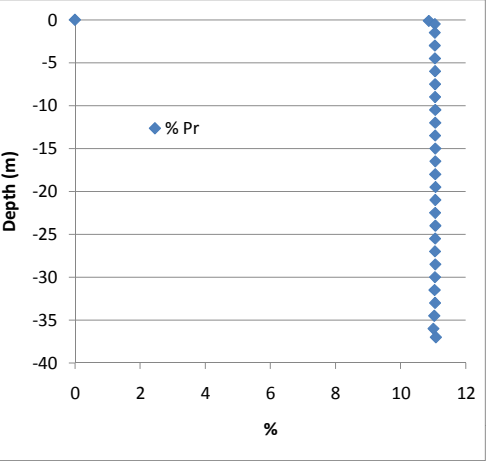
Opt 17, vdist: 4.6 m (15 ft)



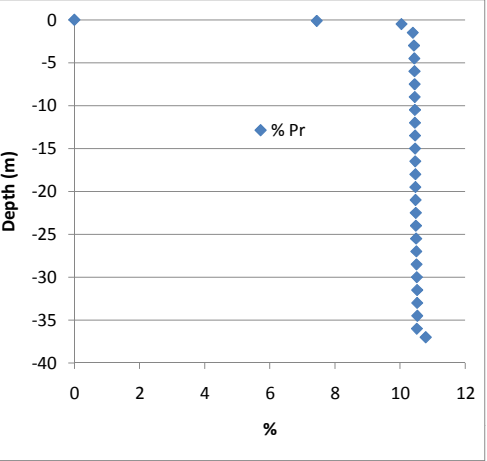
Opt 18, vdist: 4.6 m (15 ft)



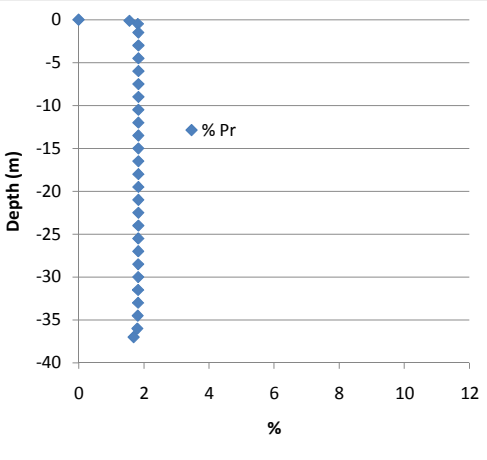
Opt 19, vdist: 4.6 m (15 ft)



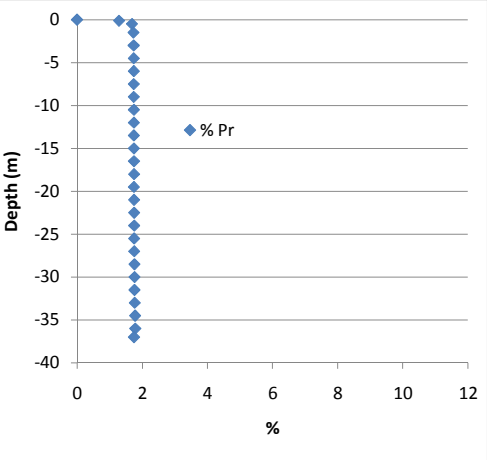
Opt 20, vdist: 4.6 m (15 ft)



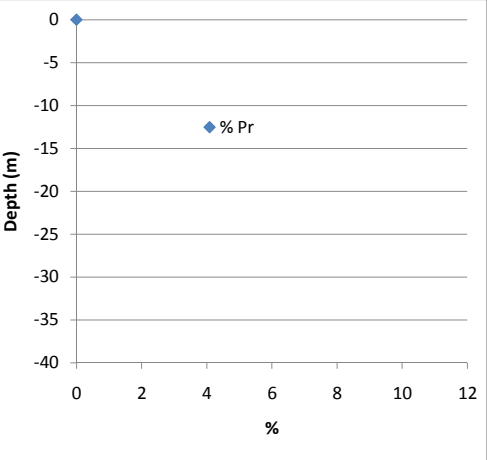
Opt 21, vdist: 3 m (10 ft)



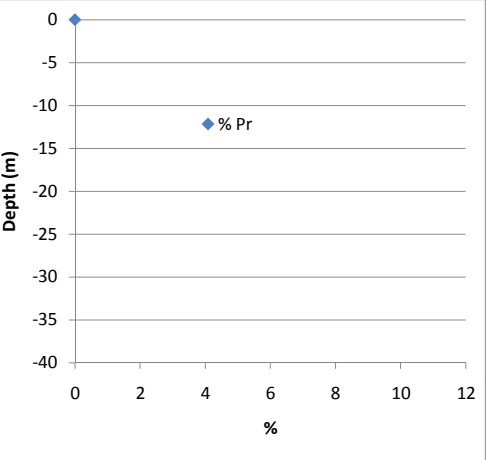
Opt 22, vdist: 6.1 m (20 ft)



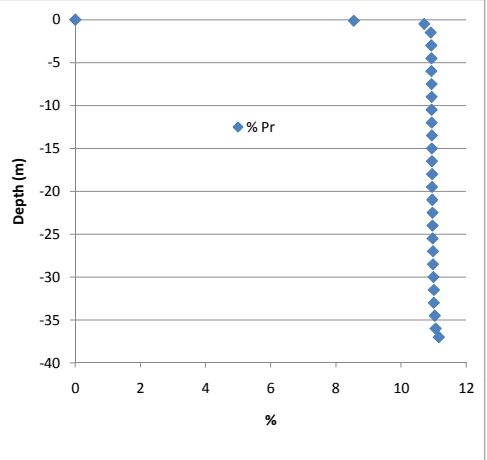
Opt 23, vdist: 3 m (10 ft)



Opt 24, vdist: 6.1 m (20 ft)



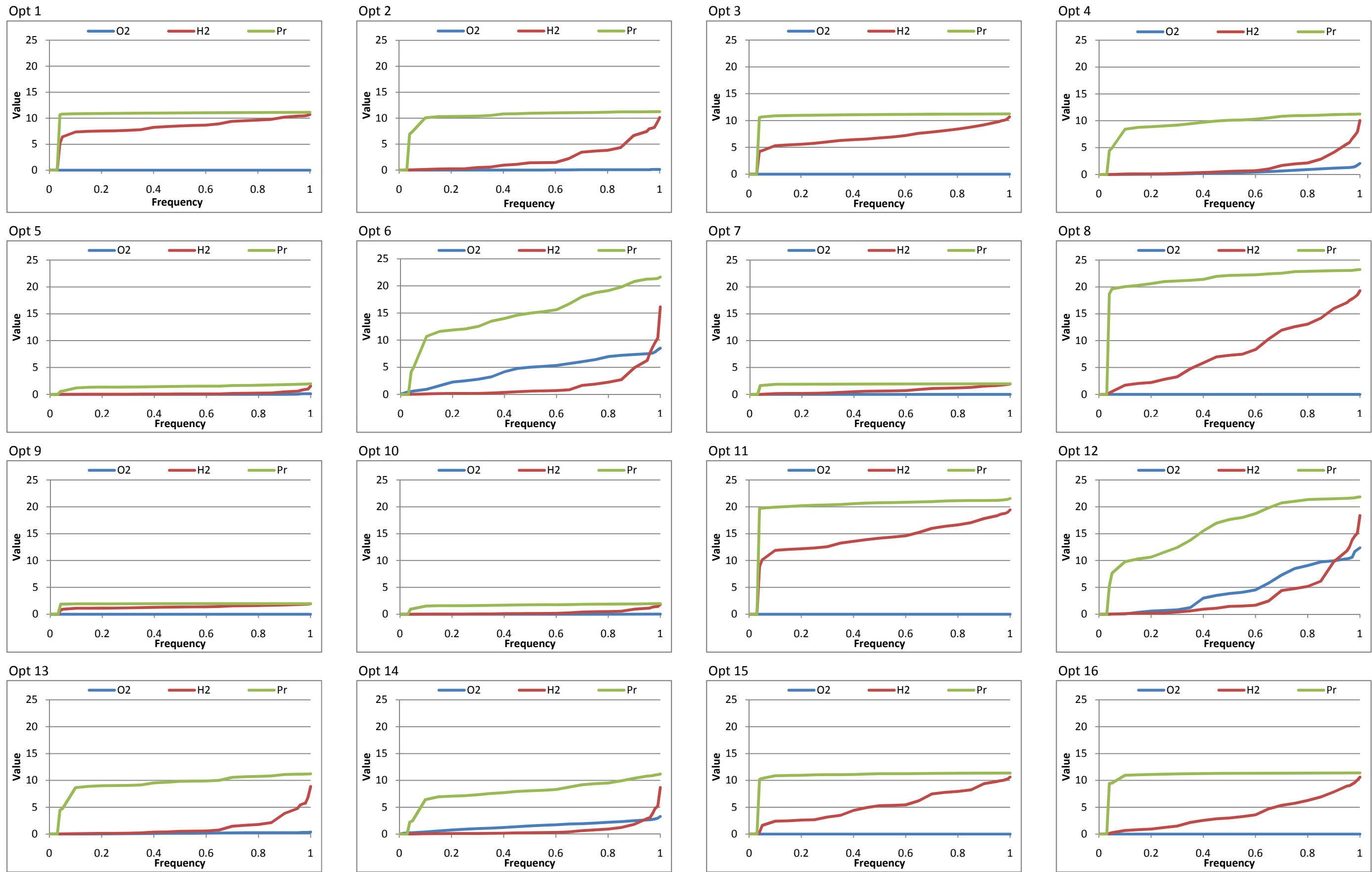
Opt 25, vdist: 4.6 m (15 ft)



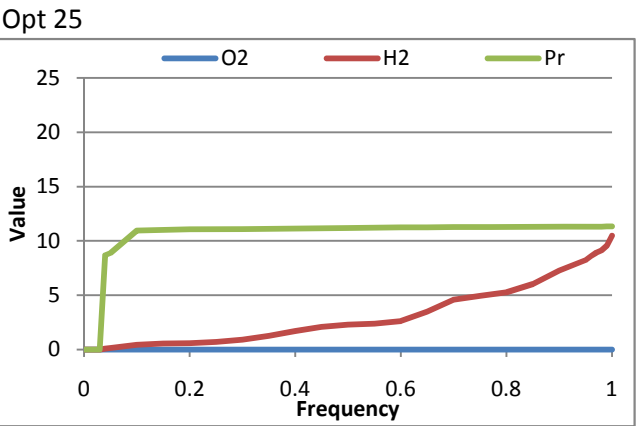
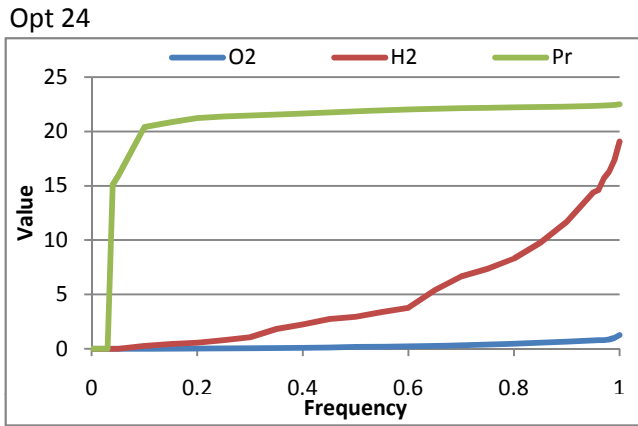
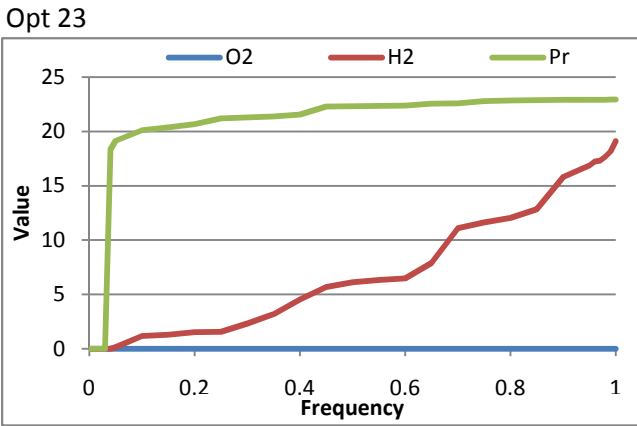
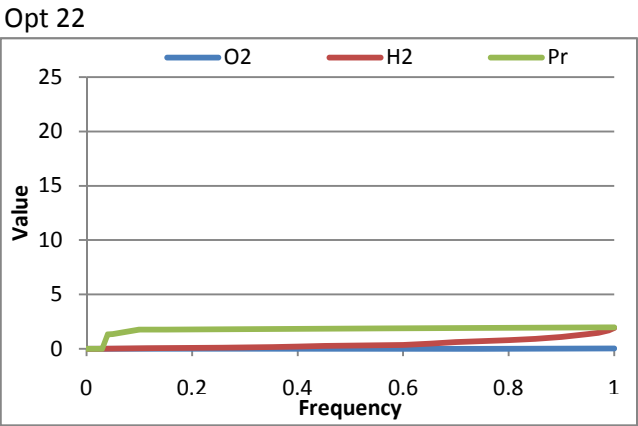
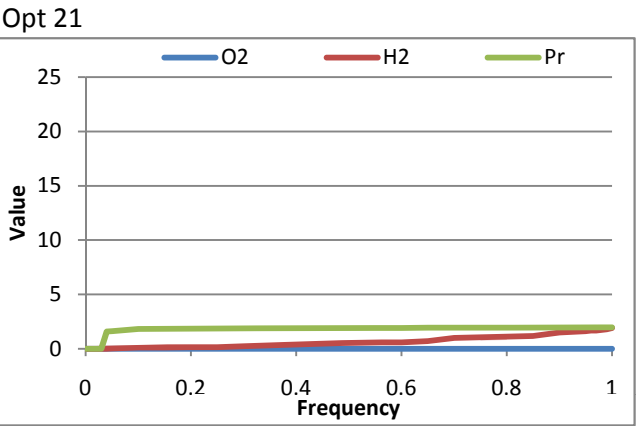
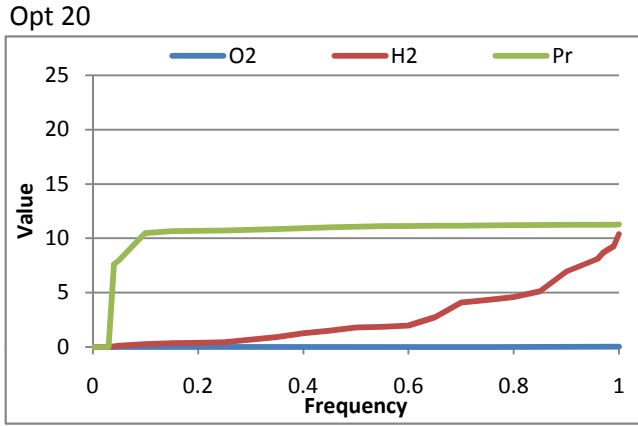
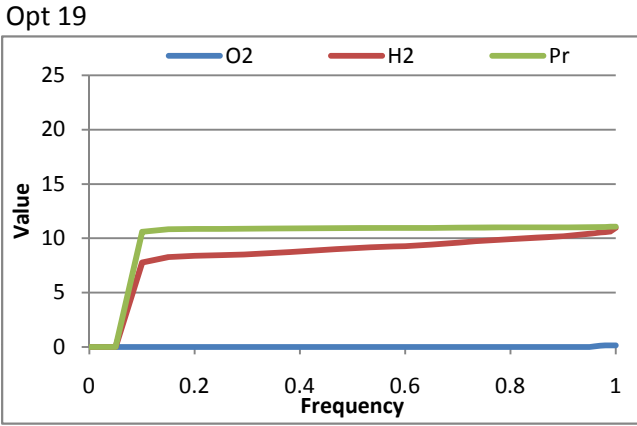
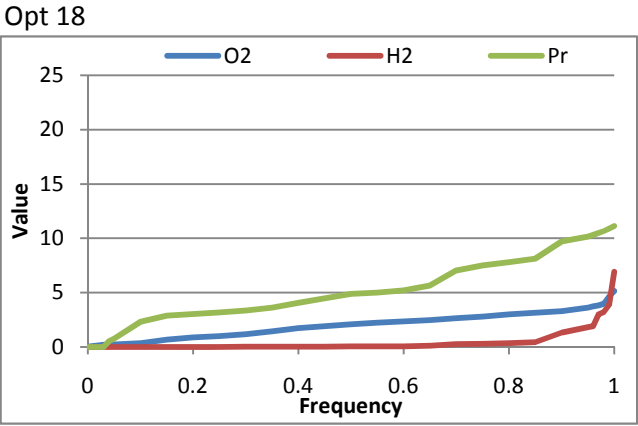
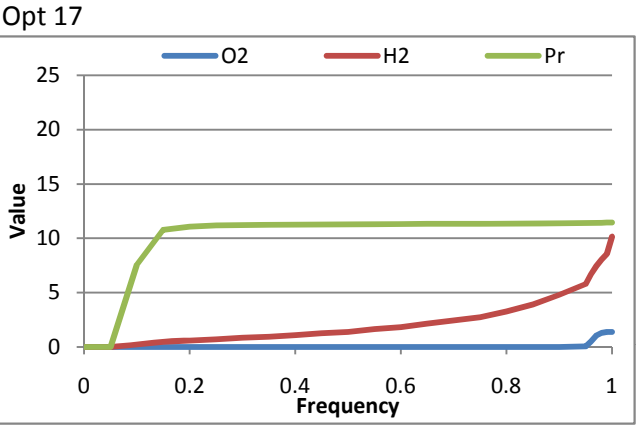
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**Appendix D – Percentile Distributions of Simulated Steady  
State Gas Concentrations For GEDIT Alternatives**

Appendix D  
Percentile Distributions of Simulated Steady State Gas Concentrations For GEDIT Alternatives



Percentile Distributions of Simulated Steady State Gas Concentrations For GEDIT Alternatives



**Table D-1. Optimization simulation conditions and results**

<b>Alternative</b>	<b>Time to Reach Steady State (days)</b>	<b>50th Percentile Oxygen (%)</b>	<b>50th Percentile Hydrogen (%)</b>	<b>50th Percentile Propane (%)</b>	<b>90th Percentile Oxygen (%)</b>	<b>10th Percentile Hydrogen (%)</b>	<b>10th Percentile Propane (%)</b>
1	<15	0.00	8.5	11	0.00	7.4	10.85
2	20	0.01	1.4	11	0.05	0.15	10.04
3	<10	0.00	6.8	11	0.00	5.3	10.82
4	30	0.34	0.58	10	1.16	0.08	8.42
5	75	0.00	0.08	1.5	0.00	0.03	1.20
6	>30	5.00	0.60	15	7.34	0.10	10.68
7	60	0.00	0.63	1.9	0.00	0.13	1.87
8	20	0.00	7.3	22	0.00	1.7	20.00
9	<10	0.00	1.3	2.0	0.00	1.1	1.94
10	30	0.00	0.16	1.8	0.00	0.02	1.53
11	<10	0.00	14	21	0.00	12	19.90
12	>15	3.84	1.47	18	9.95	0.13	9.78
13	50	0.15	0.54	9.8	0.26	0.09	8.66
14	50	1.50	0.26	8.1	2.50	0.07	6.40
15	150	0.00	5.3	11	0.00	2.4	10.87
16	10	0.00	3.0	11	0.00	0.68	10.93
17	15	0.00	1.4	11	0.00	0.38	7.55
18	300+	2.08	0.06	4.9	3.29	0.01	2.33
19	<10	0.00	1.4	11	0.00	0.38	10.61
20	20	0.00	1.8	11	0.00	0.28	10.48
21	10	0.00	0.54	1.9	0.00	0.11	1.83
22	50	0.00	0.29	1.9	0.00	0.05	1.75
23	15	0.00	6.1	22	0.00	1.2	20.11
24	20	0.17	2.9	22	0.67	0.25	20.39
25	15	0.00	2.3	11	0.00	0.44	10.94

## **Appendix E – TMVOC Model Input**

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\*rz2d\* ... Appendix A-1 Input File For Mixed Gas Pilot Test Simulation

ROCKS-----1-----\*-----2-----\*-----3-----\*-----4-----\*-----5-----\*-----6-----\*-----7-----\*-----  
8

SAND1 3 2650. .200 4.0e-11 4.0e-11 8.0e-12 2.1  
1000.  
0.e-8 0. 2.85 0.0  
6 .200 .05 .010 3.0  
8 0.000 1.84 10. 11.  
atmos 3 2650.e40 .200 4.0e-11 4.0e-11 8.0e-12 2.1  
1000.  
0.e-8 0. 2.85 0.0  
6 .200 .05 .010 3.0  
8 0.000 1.84 10. 11.  
wtabl 3 2650. .200 4.0e-11 4.0e-11 8.0e-12 2.1  
1000.  
0.e-8 0. 2.85 0.0  
6 .200 .05 .010 3.0  
9

CHEMP-----1-----\*-----2-----\*-----3-----\*-----4-----\*-----5-----\*-----6-----\*-----7-----\*-----  
8

1  
propane  
369.8 42.5 0.281 0.153 0.0  
231.1 -6.72219 1.33236 -2.13868 -1.38551  
44.094 -4.224e+0 3.063e-01 -1.586e-4 3.215e-08  
582. 231.00 0.868e-05 293.00 1.91  
-7.764e+00 7.219e+02 2.381e-02 -4.665e-5 203.0  
2.730e-05 0.000E+00 0.000E+00 0.000E+00  
0.000E+00 0.001 2.000E-04

NCGAS-----1-----\*-----2-----\*-----3-----\*-----4-----\*-----5-----\*-----6-----\*-----7-----\*-----  
8

3  
O2  
N2  
H2 1.500e-3

MULTI-----1-----\*-----2-----\*-----3-----\*-----4-----\*-----5-----\*-----6-----\*-----7-----\*-----  
8

5 5 3 8 5  
START-----1-----\*-----2-----\*-----3-----\*-----4-----\*-----5-----\*-----6-----\*-----7-----\*-----  
8

----\*-----1 MOP: 123456789\*123456789\*1234  
---\*-----5-----\*-----6-----\*-----7-----\*-----8

PARAM-----1-----\*-----2-----\*-----3-----\*-----4-----\*-----5-----\*-----6-----\*-----7-----\*-----  
8

31000 2510003000000200 4 0000000 1.8  
1.15e7 -1. 8.64e4 9.8060  
10.  
1.E-5 1.E02 1.000E-8  
1.E+4  
4  
0.10130000000000E+06 0.000000000000E+00 0.200000000000E+00  
0.80000000000000E+00  
0.2250023823973E+00 0.200000000000E+02  
10 2 4 5



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04/02/2008 12:33

A7 36AA 36AD 36AG 36A7 27AA 27AD 27AG 27A7 16AA 16AD 16AG 16A7 21AA 21AD 21AG  
21

A7 27AA 27AD 27AG 27A7 34AA 34AD 34AG 34A7 38AA 38AD 37AG 37AD 1AG 1A7 37AA  
37

GENER-----1-----\*-----2-----\*-----3-----\*-----4-----\*-----5-----\*-----6-----\*-----7-----\*-----  
8

A7	linj 1		6	COM3h	
	0.0	4.38e5		4.41e5	6.00e5
	6.87e5	2.00e7			
	1.47E-04	0.00E+00		2.20E-04	0.00E+00
	3.66E-04	0			
	0.0	0.0		0.0	0.0
	0.0	0			

A7	linj 1		6	COM4h	
	0.0	4.38e5		4.41e5	6.00e5
	6.87e5	2.00e7			
	1.31E-06	0.00E+00		1.96E-06	0.00E+00
	3.27e-06	0			
	0.0	0.0		0.0	0.0
	0.0	0			

A7	linj 1		6	COM5h	
	0.0	4.38e5		4.41e5	6.00e5
	6.87e5	2.00e7			
	2.89E-05	0.00E+00		4.33E-05	0.00E+00
	7.21e-05	0			
	0.0	0.0		0.0	0.0
	0.0	0			

AA	linj 1		6	COM3h	
	0.0	4.38e5		4.41e5	6.00e5
	6.87e5	2.00e7			
	1.47E-04	0.00E+00		2.20E-04	0.00E+00
	3.66E-04	0			
	0.0	0.0		0.0	0.0
	0.0	0			

AA	linj 1		6	COM4h	
	0.0	4.38e5		4.41e5	6.00e5
	6.87e5	2.00e7			
	1.31E-06	0.00E+00		1.96E-06	0.00E+00
	3.27E-06	0			
	0.0	0.0		0.0	0.0
	0.0	0			

AA	linj 1		6	COM5h	
	0.0	4.38e5		4.41e5	6.00e5
	6.87e5	2.00e7			
	2.89E-05	0.00E+00		4.33E-05	0.00E+00
	7.21E-05	0			
	0.0	0.0		0.0	0.0
	0.0	0			

AD	linj 1		6	COM3h	
	0.0	4.38e5		4.41e5	6.00e5
	6.87e5	2.00e7			
	1.47E-04	0.00E+00		0.00E+00	0.00E+00
	0.00E+00	0			
	0.0	0.0		0.0	0.0

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AD	linj 1	0.0	0	6	COM4h		
		0.0	4.38e5		4.41e5	6.00e5	
		6.87e5	2.00e7				
		1.31E-06	0.00E+00		0.00E+00	0.00E+00	
		0.00E+00	0				
		0.0	0.0		0.0	0.0	
		0.0	0				
AD	linj 1	0.0	0	6	COM5h		
		0.0	4.38e5		4.41e5	6.00e5	
		6.87e5	2.00e7				
		2.89E-05	0.00E+00		0.00E+00	0.00E+00	
		0.00E+00	0				
		0.0	0.0		0.0	0.0	
		0.0	0				

SOLVR----1----\*----2----\*----3----\*----4----\*----5----\*----6----\*----7----\*----  
8

4 Z2 O0 8.0e-1 1.0e-6  
DIFFU----1----\*----2----\*----3----\*----4----\*----5----\*----6----\*----7----\*----  
8

2.2e-5	6.e-10	6.e-10
1.8e-5	6.e-10	6.e-10
1.0e-5	6.e-10	6.e-10
6.1e-5	6.e-10	6.e-10
1.4e-5	6.e-10	6.e-10

ENDCY----1----\*----2----\*----3----\*----4----\*----5----\*----6----\*----7----\*----  
8

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Appendix A-2 Mesh File

ELEME	---	62	1	2	60	0.01000	1000.001	
A2	1	SAND10.1100E-010.0000E+00				0.3500E-01		-.5010E+00
A2	2	SAND10.3017E-010.0000E+00				0.8746E-01		-.5010E+00
A2	3	SAND10.5496E-010.0000E+00				0.1451E+00		-.5010E+00
A2	4	SAND10.8669E-010.0000E+00				0.2083E+00		-.5010E+00
A2	5	SAND10.1269E+000.0000E+00				0.2778E+00		-.5010E+00
A2	6	SAND10.1777E+000.0000E+00				0.3541E+00		-.5010E+00
A2	7	SAND10.2413E+000.0000E+00				0.4379E+00		-.5010E+00
A2	8	SAND10.3207E+000.0000E+00				0.5299E+00		-.5010E+00
A2	9	SAND10.4194E+000.0000E+00				0.6310E+00		-.5010E+00
A2	10	SAND10.5416E+000.0000E+00				0.7420E+00		-.5010E+00
A2	11	SAND10.6925E+000.0000E+00				0.8639E+00		-.5010E+00
A2	12	SAND10.8784E+000.0000E+00				0.9977E+00		-.5010E+00
A2	13	SAND10.1107E+010.0000E+00				0.1145E+01		-.5010E+00
A2	14	SAND10.1387E+010.0000E+00				0.1306E+01		-.5010E+00
A2	15	SAND10.1730E+010.0000E+00				0.1483E+01		-.5010E+00
A2	16	SAND10.2149E+010.0000E+00				0.1678E+01		-.5010E+00
A2	17	SAND10.2661E+010.0000E+00				0.1892E+01		-.5010E+00
A2	18	SAND10.3285E+010.0000E+00				0.2127E+01		-.5010E+00
A2	19	SAND10.4045E+010.0000E+00				0.2385E+01		-.5010E+00
A2	20	SAND10.4970E+010.0000E+00				0.2668E+01		-.5010E+00
A2	21	SAND10.6094E+010.0000E+00				0.2979E+01		-.5010E+00
A2	22	SAND10.7460E+010.0000E+00				0.3321E+01		-.5010E+00
A2	23	SAND10.9118E+010.0000E+00				0.3696E+01		-.5010E+00
A2	24	SAND10.1113E+020.0000E+00				0.4108E+01		-.5010E+00
A2	25	SAND10.1357E+020.0000E+00				0.4560E+01		-.5010E+00
A2	26	SAND10.1653E+020.0000E+00				0.5057E+01		-.5010E+00
A2	27	SAND10.2011E+020.0000E+00				0.5603E+01		-.5010E+00
A2	28	SAND10.2444E+020.0000E+00				0.6202E+01		-.5010E+00
A2	29	SAND10.2969E+020.0000E+00				0.6860E+01		-.5010E+00
A2	30	SAND10.3604E+020.0000E+00				0.7583E+01		-.5010E+00
A2	31	SAND10.4373E+020.0000E+00				0.8376E+01		-.5010E+00
A2	32	SAND10.5302E+020.0000E+00				0.9248E+01		-.5010E+00
A2	33	SAND10.6425E+020.0000E+00				0.1021E+02		-.5010E+00
A2	34	SAND10.7783E+020.0000E+00				0.1126E+02		-.5010E+00
A2	35	SAND10.9424E+020.0000E+00				0.1241E+02		-.5010E+00
A2	36	SAND10.1141E+030.0000E+00				0.1368E+02		-.5010E+00
A2	37	SAND10.1380E+030.0000E+00				0.1507E+02		-.5010E+00
A2	38	SAND10.1670E+030.0000E+00				0.1660E+02		-.5010E+00
A2	39	SAND10.2019E+030.0000E+00				0.1828E+02		-.5010E+00
A2	40	SAND10.2441E+030.0000E+00				0.2012E+02		-.5010E+00
A2	41	SAND10.2951E+030.0000E+00				0.2215E+02		-.5010E+00
A2	42	SAND10.3566E+030.0000E+00				0.2437E+02		-.5010E+00
A2	43	SAND10.4308E+030.0000E+00				0.2682E+02		-.5010E+00
A2	44	SAND10.5205E+030.0000E+00				0.2950E+02		-.5010E+00
A2	45	SAND10.6287E+030.0000E+00				0.3244E+02		-.5010E+00
A2	46	SAND10.7593E+030.0000E+00				0.3568E+02		-.5010E+00
A2	47	SAND10.9169E+030.0000E+00				0.3923E+02		-.5010E+00
A2	48	SAND10.1107E+040.0000E+00				0.4314E+02		-.5010E+00
A2	49	SAND10.1337E+040.0000E+00				0.4742E+02		-.5010E+00
A2	50	SAND10.1613E+040.0000E+00				0.5213E+02		-.5010E+00
A2	51	SAND10.1948E+040.0000E+00				0.5729E+02		-.5010E+00
A2	52	SAND10.3276E+040.0000E+00				0.6407E+02		-.5010E+00
A2	53	SAND10.5710E+040.0000E+00				0.7426E+02		-.5010E+00

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A2 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.5010E+00
A2 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.5010E+00
A2 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.5010E+00
A2 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.5010E+00
A2 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.5010E+00
A2 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.5010E+00
A2 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.5010E+00
A2 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.5010E+00
A2 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.5010E+00
A3 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.1501E+01
A3 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.1501E+01
A3 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.1501E+01
A3 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.1501E+01
A3 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.1501E+01
A3 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.1501E+01
A3 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.1501E+01
A3 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.1501E+01
A3 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.1501E+01
A3 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.1501E+01
A3 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.1501E+01
A3 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.1501E+01
A3 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.1501E+01
A3 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.1501E+01
A3 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.1501E+01
A3 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.1501E+01
A3 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.1501E+01
A3 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.1501E+01
A3 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.1501E+01
A3 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.1501E+01
A3 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.1501E+01
A3 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.1501E+01
A3 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.1501E+01
A3 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.1501E+01
A3 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.1501E+01
A3 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.1501E+01
A3 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.1501E+01
A3 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.1501E+01
A3 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.1501E+01
A3 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.1501E+01
A3 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.1501E+01
A3 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.1501E+01
A3 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.1501E+01
A3 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.1501E+01
A3 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.1501E+01
A3 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.1501E+01
A3 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.1501E+01
A3 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.1501E+01
A3 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.1501E+01
A3 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.1501E+01
A3 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.1501E+01
A3 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.1501E+01
A3 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.1501E+01
A3 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.1501E+01
A3 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.1501E+01
A3 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.1501E+01

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A3 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.1501E+01
A3 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.1501E+01
A3 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.1501E+01
A3 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.1501E+01
A3 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.1501E+01
A3 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.1501E+01
A3 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.1501E+01
A3 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.1501E+01
A3 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.1501E+01
A3 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.1501E+01
A3 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.1501E+01
A3 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.1501E+01
A3 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.1501E+01
A3 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.1501E+01
A3 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.1501E+01
A3 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.1501E+01
A4 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.2501E+01
A4 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.2501E+01
A4 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.2501E+01
A4 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.2501E+01
A4 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.2501E+01
A4 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.2501E+01
A4 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.2501E+01
A4 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.2501E+01
A4 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.2501E+01
A4 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.2501E+01
A4 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.2501E+01
A4 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.2501E+01
A4 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.2501E+01
A4 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.2501E+01
A4 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.2501E+01
A4 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.2501E+01
A4 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.2501E+01
A4 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.2501E+01
A4 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.2501E+01
A4 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.2501E+01
A4 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.2501E+01
A4 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.2501E+01
A4 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.2501E+01
A4 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.2501E+01
A4 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.2501E+01
A4 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.2501E+01
A4 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.2501E+01
A4 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.2501E+01
A4 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.2501E+01
A4 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.2501E+01
A4 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.2501E+01
A4 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.2501E+01
A4 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.2501E+01
A4 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.2501E+01
A4 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.2501E+01
A4 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.2501E+01
A4 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.2501E+01
A4 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.2501E+01
A4 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.2501E+01

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A4 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.2501E+01
A4 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.2501E+01
A4 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.2501E+01
A4 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.2501E+01
A4 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.2501E+01
A4 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.2501E+01
A4 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.2501E+01
A4 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.2501E+01
A4 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.2501E+01
A4 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.2501E+01
A4 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.2501E+01
A4 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.2501E+01
A4 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.2501E+01
A4 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.2501E+01
A4 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.2501E+01
A4 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.2501E+01
A4 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.2501E+01
A4 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.2501E+01
A4 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.2501E+01
A4 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.2501E+01
A4 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.2501E+01
A4 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.2501E+01
A4 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.2501E+01
A5 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.3501E+01
A5 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.3501E+01
A5 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.3501E+01
A5 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.3501E+01
A5 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.3501E+01
A5 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.3501E+01
A5 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.3501E+01
A5 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.3501E+01
A5 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.3501E+01
A5 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.3501E+01
A5 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.3501E+01
A5 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.3501E+01
A5 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.3501E+01
A5 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.3501E+01
A5 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.3501E+01
A5 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.3501E+01
A5 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.3501E+01
A5 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.3501E+01
A5 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.3501E+01
A5 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.3501E+01
A5 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.3501E+01
A5 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.3501E+01
A5 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.3501E+01
A5 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.3501E+01
A5 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.3501E+01
A5 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.3501E+01
A5 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.3501E+01
A5 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.3501E+01
A5 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.3501E+01
A5 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.3501E+01
A5 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.3501E+01
A5 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.3501E+01

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A5 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.3501E+01
A5 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.3501E+01
A5 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.3501E+01
A5 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.3501E+01
A5 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.3501E+01
A5 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.3501E+01
A5 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.3501E+01
A5 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.3501E+01
A5 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.3501E+01
A5 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.3501E+01
A5 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.3501E+01
A5 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.3501E+01
A5 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.3501E+01
A5 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.3501E+01
A5 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.3501E+01
A5 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.3501E+01
A5 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.3501E+01
A5 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.3501E+01
A5 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.3501E+01
A5 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.3501E+01
A5 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.3501E+01
A5 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.3501E+01
A5 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.3501E+01
A5 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.3501E+01
A5 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.3501E+01
A5 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.3501E+01
A5 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.3501E+01
A5 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.3501E+01
A5 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.3501E+01
A5 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.3501E+01
A6 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.4501E+01
A6 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.4501E+01
A6 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.4501E+01
A6 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.4501E+01
A6 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.4501E+01
A6 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.4501E+01
A6 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.4501E+01
A6 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.4501E+01
A6 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.4501E+01
A6 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.4501E+01
A6 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.4501E+01
A6 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.4501E+01
A6 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.4501E+01
A6 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.4501E+01
A6 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.4501E+01
A6 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.4501E+01
A6 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.4501E+01
A6 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.4501E+01
A6 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.4501E+01
A6 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.4501E+01
A6 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.4501E+01
A6 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.4501E+01
A6 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.4501E+01
A6 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.4501E+01
A6 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.4501E+01

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A6 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.4501E+01
A6 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.4501E+01
A6 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.4501E+01
A6 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.4501E+01
A6 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.4501E+01
A6 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.4501E+01
A6 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.4501E+01
A6 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.4501E+01
A6 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.4501E+01
A6 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.4501E+01
A6 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.4501E+01
A6 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.4501E+01
A6 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.4501E+01
A6 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.4501E+01
A6 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.4501E+01
A6 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.4501E+01
A6 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.4501E+01
A6 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.4501E+01
A6 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.4501E+01
A6 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.4501E+01
A6 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.4501E+01
A6 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.4501E+01
A6 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.4501E+01
A6 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.4501E+01
A6 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.4501E+01
A6 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.4501E+01
A6 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.4501E+01
A6 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.4501E+01
A6 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.4501E+01
A6 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.4501E+01
A6 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.4501E+01
A6 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.4501E+01
A6 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.4501E+01
A6 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.4501E+01
A6 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.4501E+01
A6 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.4501E+01
A6 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.4501E+01
A7 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.5501E+01
A7 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.5501E+01
A7 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.5501E+01
A7 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.5501E+01
A7 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.5501E+01
A7 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.5501E+01
A7 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.5501E+01
A7 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.5501E+01
A7 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.5501E+01
A7 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.5501E+01
A7 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.5501E+01
A7 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.5501E+01
A7 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.5501E+01
A7 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.5501E+01
A7 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.5501E+01
A7 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.5501E+01
A7 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.5501E+01
A7 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.5501E+01



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A7 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.5501E+01
A7 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.5501E+01
A7 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.5501E+01
A7 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.5501E+01
A7 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.5501E+01
A7 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.5501E+01
A7 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.5501E+01
A7 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.5501E+01
A7 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.5501E+01
A7 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.5501E+01
A7 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.5501E+01
A7 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.5501E+01
A7 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.5501E+01
A7 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.5501E+01
A7 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.5501E+01
A7 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.5501E+01
A7 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.5501E+01
A7 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.5501E+01
A7 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.5501E+01
A7 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.5501E+01
A7 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.5501E+01
A7 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.5501E+01
A7 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.5501E+01
A7 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.5501E+01
A7 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.5501E+01
A7 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.5501E+01
A7 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.5501E+01
A7 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.5501E+01
A7 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.5501E+01
A7 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.5501E+01
A7 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.5501E+01
A7 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.5501E+01
A7 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.5501E+01
A7 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.5501E+01
A7 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.5501E+01
A7 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.5501E+01
A7 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.5501E+01
A7 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.5501E+01
A7 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.5501E+01
A7 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.5501E+01
A7 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.5501E+01
A7 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.5501E+01
A7 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.5501E+01
A7 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.5501E+01
A8 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.6501E+01
A8 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.6501E+01
A8 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.6501E+01
A8 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.6501E+01
A8 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.6501E+01
A8 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.6501E+01
A8 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.6501E+01
A8 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.6501E+01
A8 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.6501E+01
A8 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.6501E+01
A8 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.6501E+01

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A8 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.6501E+01
A8 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.6501E+01
A8 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.6501E+01
A8 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.6501E+01
A8 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.6501E+01
A8 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.6501E+01
A8 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.6501E+01
A8 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.6501E+01
A8 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.6501E+01
A8 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.6501E+01
A8 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.6501E+01
A8 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.6501E+01
A8 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.6501E+01
A8 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.6501E+01
A8 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.6501E+01
A8 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.6501E+01
A8 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.6501E+01
A8 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.6501E+01
A8 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.6501E+01
A8 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.6501E+01
A8 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.6501E+01
A8 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.6501E+01
A8 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.6501E+01
A8 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.6501E+01
A8 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.6501E+01
A8 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.6501E+01
A8 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.6501E+01
A8 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.6501E+01
A8 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.6501E+01
A8 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.6501E+01
A8 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.6501E+01
A8 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.6501E+01
A8 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.6501E+01
A8 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.6501E+01
A8 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.6501E+01
A8 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.6501E+01
A8 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.6501E+01
A8 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.6501E+01
A8 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.6501E+01
A8 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.6501E+01
A8 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.6501E+01
A8 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.6501E+01
A8 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.6501E+01
A8 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.6501E+01
A8 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.6501E+01
A8 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.6501E+01
A8 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.6501E+01
A8 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.6501E+01
A8 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.6501E+01
A8 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.6501E+01
A8 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.6501E+01
A9 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.7501E+01
A9 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.7501E+01
A9 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.7501E+01
A9 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.7501E+01

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A9 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.7501E+01
A9 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.7501E+01
A9 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.7501E+01
A9 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.7501E+01
A9 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.7501E+01
A9 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.7501E+01
A9 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.7501E+01
A9 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.7501E+01
A9 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.7501E+01
A9 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.7501E+01
A9 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.7501E+01
A9 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.7501E+01
A9 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.7501E+01
A9 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.7501E+01
A9 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.7501E+01
A9 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.7501E+01
A9 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.7501E+01
A9 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.7501E+01
A9 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.7501E+01
A9 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.7501E+01
A9 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.7501E+01
A9 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.7501E+01
A9 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.7501E+01
A9 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.7501E+01
A9 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.7501E+01
A9 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.7501E+01
A9 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.7501E+01
A9 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.7501E+01
A9 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.7501E+01
A9 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.7501E+01
A9 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.7501E+01
A9 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.7501E+01
A9 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.7501E+01
A9 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.7501E+01
A9 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.7501E+01
A9 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.7501E+01
A9 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.7501E+01
A9 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.7501E+01
A9 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.7501E+01
A9 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.7501E+01
A9 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.7501E+01
A9 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.7501E+01
A9 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.7501E+01
A9 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.7501E+01
A9 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.7501E+01
A9 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.7501E+01
A9 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.7501E+01
A9 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.7501E+01
A9 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.7501E+01
A9 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.7501E+01
A9 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.7501E+01
A9 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.7501E+01
A9 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.7501E+01
A9 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.7501E+01
A9 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.7501E+01

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A9 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.7501E+01
A9 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.7501E+01
A9 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.7501E+01
AA 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.8501E+01
AA 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.8501E+01
AA 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.8501E+01
AA 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.8501E+01
AA 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.8501E+01
AA 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.8501E+01
AA 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.8501E+01
AA 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.8501E+01
AA 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.8501E+01
AA 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.8501E+01
AA 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.8501E+01
AA 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.8501E+01
AA 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.8501E+01
AA 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.8501E+01
AA 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.8501E+01
AA 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.8501E+01
AA 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.8501E+01
AA 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.8501E+01
AA 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.8501E+01
AA 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.8501E+01
AA 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.8501E+01
AA 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.8501E+01
AA 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.8501E+01
AA 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.8501E+01
AA 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.8501E+01
AA 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.8501E+01
AA 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.8501E+01
AA 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.8501E+01
AA 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.8501E+01
AA 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.8501E+01
AA 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.8501E+01
AA 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.8501E+01
AA 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.8501E+01
AA 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.8501E+01
AA 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.8501E+01
AA 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.8501E+01
AA 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.8501E+01
AA 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.8501E+01
AA 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.8501E+01
AA 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.8501E+01
AA 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.8501E+01
AA 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.8501E+01
AA 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.8501E+01
AA 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.8501E+01
AA 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.8501E+01
AA 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.8501E+01
AA 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.8501E+01
AA 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.8501E+01
AA 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.8501E+01
AA 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.8501E+01
AA 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.8501E+01
AA 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.8501E+01

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AA 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.8501E+01
AA 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.8501E+01
AA 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.8501E+01
AA 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.8501E+01
AA 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.8501E+01
AA 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.8501E+01
AA 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.8501E+01
AA 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.8501E+01
AA 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.8501E+01
AA 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.8501E+01
AB 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.9501E+01
AB 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.9501E+01
AB 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.9501E+01
AB 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.9501E+01
AB 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.9501E+01
AB 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.9501E+01
AB 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.9501E+01
AB 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.9501E+01
AB 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.9501E+01
AB 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.9501E+01
AB 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.9501E+01
AB 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.9501E+01
AB 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.9501E+01
AB 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.9501E+01
AB 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.9501E+01
AB 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.9501E+01
AB 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.9501E+01
AB 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.9501E+01
AB 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.9501E+01
AB 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.9501E+01
AB 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.9501E+01
AB 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.9501E+01
AB 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.9501E+01
AB 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.9501E+01
AB 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.9501E+01
AB 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.9501E+01
AB 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.9501E+01
AB 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.9501E+01
AB 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.9501E+01
AB 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.9501E+01
AB 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.9501E+01
AB 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.9501E+01
AB 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.9501E+01
AB 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.9501E+01
AB 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.9501E+01
AB 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.9501E+01
AB 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.9501E+01
AB 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.9501E+01
AB 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.9501E+01
AB 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.9501E+01
AB 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.9501E+01
AB 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.9501E+01
AB 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.9501E+01
AB 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.9501E+01
AB 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.9501E+01

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AB 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.9501E+01
AB 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.9501E+01
AB 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.9501E+01
AB 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.9501E+01
AB 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.9501E+01
AB 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.9501E+01
AB 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.9501E+01
AB 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.9501E+01
AB 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.9501E+01
AB 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.9501E+01
AB 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.9501E+01
AB 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.9501E+01
AB 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.9501E+01
AB 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.9501E+01
AB 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.9501E+01
AB 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.9501E+01
AB 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.9501E+01
AC 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.1050E+02
AC 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.1050E+02
AC 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.1050E+02
AC 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.1050E+02
AC 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.1050E+02
AC 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.1050E+02
AC 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.1050E+02
AC 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.1050E+02
AC 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.1050E+02
AC 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.1050E+02
AC 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.1050E+02
AC 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.1050E+02
AC 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.1050E+02
AC 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.1050E+02
AC 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.1050E+02
AC 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.1050E+02
AC 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.1050E+02
AC 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.1050E+02
AC 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.1050E+02
AC 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.1050E+02
AC 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.1050E+02
AC 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.1050E+02
AC 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.1050E+02
AC 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.1050E+02
AC 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.1050E+02
AC 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.1050E+02
AC 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.1050E+02
AC 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.1050E+02
AC 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.1050E+02
AC 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.1050E+02
AC 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.1050E+02
AC 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.1050E+02
AC 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.1050E+02
AC 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.1050E+02
AC 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.1050E+02
AC 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.1050E+02
AC 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.1050E+02
AC 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.1050E+02

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AC 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.1050E+02
AC 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.1050E+02
AC 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.1050E+02
AC 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.1050E+02
AC 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.1050E+02
AC 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.1050E+02
AC 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.1050E+02
AC 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.1050E+02
AC 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.1050E+02
AC 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.1050E+02
AC 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.1050E+02
AC 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.1050E+02
AC 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.1050E+02
AC 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.1050E+02
AC 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.1050E+02
AC 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.1050E+02
AC 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.1050E+02
AC 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.1050E+02
AC 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.1050E+02
AC 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.1050E+02
AC 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.1050E+02
AC 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.1050E+02
AC 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.1050E+02
AC 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.1050E+02
AD 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.1150E+02
AD 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.1150E+02
AD 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.1150E+02
AD 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.1150E+02
AD 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.1150E+02
AD 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.1150E+02
AD 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.1150E+02
AD 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.1150E+02
AD 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.1150E+02
AD 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.1150E+02
AD 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.1150E+02
AD 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.1150E+02
AD 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.1150E+02
AD 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.1150E+02
AD 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.1150E+02
AD 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.1150E+02
AD 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.1150E+02
AD 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.1150E+02
AD 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.1150E+02
AD 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.1150E+02
AD 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.1150E+02
AD 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.1150E+02
AD 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.1150E+02
AD 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.1150E+02
AD 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.1150E+02
AD 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.1150E+02
AD 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.1150E+02
AD 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.1150E+02
AD 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.1150E+02
AD 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.1150E+02
AD 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.1150E+02

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AD 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.1150E+02
AD 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.1150E+02
AD 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.1150E+02
AD 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.1150E+02
AD 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.1150E+02
AD 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.1150E+02
AD 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.1150E+02
AD 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.1150E+02
AD 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.1150E+02
AD 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.1150E+02
AD 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.1150E+02
AD 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.1150E+02
AD 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.1150E+02
AD 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.1150E+02
AD 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.1150E+02
AD 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.1150E+02
AD 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.1150E+02
AD 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.1150E+02
AD 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.1150E+02
AD 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.1150E+02
AD 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.1150E+02
AD 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.1150E+02
AD 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.1150E+02
AD 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.1150E+02
AD 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.1150E+02
AD 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.1150E+02
AD 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.1150E+02
AD 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.1150E+02
AD 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.1150E+02
AD 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.1150E+02
AD 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.1150E+02
AE 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.1250E+02
AE 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.1250E+02
AE 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.1250E+02
AE 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.1250E+02
AE 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.1250E+02
AE 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.1250E+02
AE 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.1250E+02
AE 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.1250E+02
AE 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.1250E+02
AE 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.1250E+02
AE 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.1250E+02
AE 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.1250E+02
AE 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.1250E+02
AE 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.1250E+02
AE 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.1250E+02
AE 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.1250E+02
AE 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.1250E+02
AE 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.1250E+02
AE 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.1250E+02
AE 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.1250E+02
AE 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.1250E+02
AE 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.1250E+02
AE 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.1250E+02
AE 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.1250E+02



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AE 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.1250E+02
AE 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.1250E+02
AE 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.1250E+02
AE 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.1250E+02
AE 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.1250E+02
AE 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.1250E+02
AE 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.1250E+02
AE 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.1250E+02
AE 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.1250E+02
AE 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.1250E+02
AE 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.1250E+02
AE 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.1250E+02
AE 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.1250E+02
AE 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.1250E+02
AE 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.1250E+02
AE 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.1250E+02
AE 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.1250E+02
AE 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.1250E+02
AE 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.1250E+02
AE 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.1250E+02
AE 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.1250E+02
AE 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.1250E+02
AE 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.1250E+02
AE 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.1250E+02
AE 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.1250E+02
AE 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.1250E+02
AE 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.1250E+02
AE 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.1250E+02
AE 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.1250E+02
AE 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.1250E+02
AE 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.1250E+02
AE 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.1250E+02
AE 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.1250E+02
AE 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.1250E+02
AE 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.1250E+02
AE 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.1250E+02
AE 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.1250E+02
AE 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.1250E+02
AF 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.1350E+02
AF 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.1350E+02
AF 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.1350E+02
AF 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.1350E+02
AF 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.1350E+02
AF 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.1350E+02
AF 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.1350E+02
AF 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.1350E+02
AF 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.1350E+02
AF 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.1350E+02
AF 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.1350E+02
AF 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.1350E+02
AF 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.1350E+02
AF 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.1350E+02
AF 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.1350E+02
AF 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.1350E+02
AF 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.1350E+02

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AF 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.1350E+02
AF 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.1350E+02
AF 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.1350E+02
AF 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.1350E+02
AF 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.1350E+02
AF 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.1350E+02
AF 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.1350E+02
AF 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.1350E+02
AF 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.1350E+02
AF 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.1350E+02
AF 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.1350E+02
AF 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.1350E+02
AF 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.1350E+02
AF 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.1350E+02
AF 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.1350E+02
AF 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.1350E+02
AF 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.1350E+02
AF 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.1350E+02
AF 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.1350E+02
AF 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.1350E+02
AF 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.1350E+02
AF 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.1350E+02
AF 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.1350E+02
AF 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.1350E+02
AF 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.1350E+02
AF 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.1350E+02
AF 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.1350E+02
AF 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.1350E+02
AF 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.1350E+02
AF 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.1350E+02
AF 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.1350E+02
AF 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.1350E+02
AF 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.1350E+02
AF 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.1350E+02
AF 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.1350E+02
AF 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.1350E+02
AF 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.1350E+02
AF 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.1350E+02
AF 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.1350E+02
AF 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.1350E+02
AF 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.1350E+02
AF 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.1350E+02
AF 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.1350E+02
AF 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.1350E+02
AF 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.1350E+02
AG 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.1450E+02
AG 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.1450E+02
AG 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.1450E+02
AG 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.1450E+02
AG 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.1450E+02
AG 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.1450E+02
AG 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.1450E+02
AG 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.1450E+02
AG 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.1450E+02
AG 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.1450E+02

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AG 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.1450E+02
AG 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.1450E+02
AG 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.1450E+02
AG 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.1450E+02
AG 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.1450E+02
AG 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.1450E+02
AG 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.1450E+02
AG 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.1450E+02
AG 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.1450E+02
AG 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.1450E+02
AG 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.1450E+02
AG 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.1450E+02
AG 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.1450E+02
AG 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.1450E+02
AG 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.1450E+02
AG 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.1450E+02
AG 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.1450E+02
AG 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.1450E+02
AG 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.1450E+02
AG 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.1450E+02
AG 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.1450E+02
AG 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.1450E+02
AG 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.1450E+02
AG 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.1450E+02
AG 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.1450E+02
AG 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.1450E+02
AG 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.1450E+02
AG 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.1450E+02
AG 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.1450E+02
AG 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.1450E+02
AG 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.1450E+02
AG 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.1450E+02
AG 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.1450E+02
AG 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.1450E+02
AG 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.1450E+02
AG 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.1450E+02
AG 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.1450E+02
AG 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.1450E+02
AG 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.1450E+02
AG 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.1450E+02
AG 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.1450E+02
AG 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.1450E+02
AG 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.1450E+02
AG 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.1450E+02
AG 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.1450E+02
AG 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.1450E+02
AG 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.1450E+02
AG 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.1450E+02
AG 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.1450E+02
AG 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.1450E+02
AG 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.1450E+02
AG 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.1450E+02
AH 1	SAND10.1100E-010.0000E+00	0.3500E-01	-.1550E+02
AH 2	SAND10.3017E-010.0000E+00	0.8746E-01	-.1550E+02
AH 3	SAND10.5496E-010.0000E+00	0.1451E+00	-.1550E+02

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AH 4	SAND10.8669E-010.0000E+00	0.2083E+00	-.1550E+02
AH 5	SAND10.1269E+000.0000E+00	0.2778E+00	-.1550E+02
AH 6	SAND10.1777E+000.0000E+00	0.3541E+00	-.1550E+02
AH 7	SAND10.2413E+000.0000E+00	0.4379E+00	-.1550E+02
AH 8	SAND10.3207E+000.0000E+00	0.5299E+00	-.1550E+02
AH 9	SAND10.4194E+000.0000E+00	0.6310E+00	-.1550E+02
AH 10	SAND10.5416E+000.0000E+00	0.7420E+00	-.1550E+02
AH 11	SAND10.6925E+000.0000E+00	0.8639E+00	-.1550E+02
AH 12	SAND10.8784E+000.0000E+00	0.9977E+00	-.1550E+02
AH 13	SAND10.1107E+010.0000E+00	0.1145E+01	-.1550E+02
AH 14	SAND10.1387E+010.0000E+00	0.1306E+01	-.1550E+02
AH 15	SAND10.1730E+010.0000E+00	0.1483E+01	-.1550E+02
AH 16	SAND10.2149E+010.0000E+00	0.1678E+01	-.1550E+02
AH 17	SAND10.2661E+010.0000E+00	0.1892E+01	-.1550E+02
AH 18	SAND10.3285E+010.0000E+00	0.2127E+01	-.1550E+02
AH 19	SAND10.4045E+010.0000E+00	0.2385E+01	-.1550E+02
AH 20	SAND10.4970E+010.0000E+00	0.2668E+01	-.1550E+02
AH 21	SAND10.6094E+010.0000E+00	0.2979E+01	-.1550E+02
AH 22	SAND10.7460E+010.0000E+00	0.3321E+01	-.1550E+02
AH 23	SAND10.9118E+010.0000E+00	0.3696E+01	-.1550E+02
AH 24	SAND10.1113E+020.0000E+00	0.4108E+01	-.1550E+02
AH 25	SAND10.1357E+020.0000E+00	0.4560E+01	-.1550E+02
AH 26	SAND10.1653E+020.0000E+00	0.5057E+01	-.1550E+02
AH 27	SAND10.2011E+020.0000E+00	0.5603E+01	-.1550E+02
AH 28	SAND10.2444E+020.0000E+00	0.6202E+01	-.1550E+02
AH 29	SAND10.2969E+020.0000E+00	0.6860E+01	-.1550E+02
AH 30	SAND10.3604E+020.0000E+00	0.7583E+01	-.1550E+02
AH 31	SAND10.4373E+020.0000E+00	0.8376E+01	-.1550E+02
AH 32	SAND10.5302E+020.0000E+00	0.9248E+01	-.1550E+02
AH 33	SAND10.6425E+020.0000E+00	0.1021E+02	-.1550E+02
AH 34	SAND10.7783E+020.0000E+00	0.1126E+02	-.1550E+02
AH 35	SAND10.9424E+020.0000E+00	0.1241E+02	-.1550E+02
AH 36	SAND10.1141E+030.0000E+00	0.1368E+02	-.1550E+02
AH 37	SAND10.1380E+030.0000E+00	0.1507E+02	-.1550E+02
AH 38	SAND10.1670E+030.0000E+00	0.1660E+02	-.1550E+02
AH 39	SAND10.2019E+030.0000E+00	0.1828E+02	-.1550E+02
AH 40	SAND10.2441E+030.0000E+00	0.2012E+02	-.1550E+02
AH 41	SAND10.2951E+030.0000E+00	0.2215E+02	-.1550E+02
AH 42	SAND10.3566E+030.0000E+00	0.2437E+02	-.1550E+02
AH 43	SAND10.4308E+030.0000E+00	0.2682E+02	-.1550E+02
AH 44	SAND10.5205E+030.0000E+00	0.2950E+02	-.1550E+02
AH 45	SAND10.6287E+030.0000E+00	0.3244E+02	-.1550E+02
AH 46	SAND10.7593E+030.0000E+00	0.3568E+02	-.1550E+02
AH 47	SAND10.9169E+030.0000E+00	0.3923E+02	-.1550E+02
AH 48	SAND10.1107E+040.0000E+00	0.4314E+02	-.1550E+02
AH 49	SAND10.1337E+040.0000E+00	0.4742E+02	-.1550E+02
AH 50	SAND10.1613E+040.0000E+00	0.5213E+02	-.1550E+02
AH 51	SAND10.1948E+040.0000E+00	0.5729E+02	-.1550E+02
AH 52	SAND10.3276E+040.0000E+00	0.6407E+02	-.1550E+02
AH 53	SAND10.5710E+040.0000E+00	0.7426E+02	-.1550E+02
AH 54	SAND10.1036E+050.0000E+00	0.8958E+02	-.1550E+02
AH 55	SAND10.1959E+050.0000E+00	0.1126E+03	-.1550E+02
AH 56	SAND10.3853E+050.0000E+00	0.1473E+03	-.1550E+02
AH 57	SAND10.7846E+050.0000E+00	0.1994E+03	-.1550E+02
AH 58	SAND10.1644E+060.0000E+00	0.2778E+03	-.1550E+02

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AH 59	SAND10.3522E+060.0000E+00	0.3957E+03	-.1550E+02
AH 60	SAND10.7671E+060.0000E+00	0.5731E+03	-.1550E+02
AH 61	SAND10.1691E+070.0000E+00	0.8398E+03	-.1550E+02
AH 62	SAND10.6283E+010.0000E+00	0.1000E+04	-.1550E+02
AI 1	SAND10.2199E-010.0000E+00	0.3500E-01	-.1700E+02
AI 2	SAND10.6035E-010.0000E+00	0.8746E-01	-.1700E+02
AI 3	SAND10.1099E+000.0000E+00	0.1451E+00	-.1700E+02
AI 4	SAND10.1734E+000.0000E+00	0.2083E+00	-.1700E+02
AI 5	SAND10.2539E+000.0000E+00	0.2778E+00	-.1700E+02
AI 6	SAND10.3554E+000.0000E+00	0.3541E+00	-.1700E+02
AI 7	SAND10.4827E+000.0000E+00	0.4379E+00	-.1700E+02
AI 8	SAND10.6415E+000.0000E+00	0.5299E+00	-.1700E+02
AI 9	SAND10.8388E+000.0000E+00	0.6310E+00	-.1700E+02
AI 10	SAND10.1083E+010.0000E+00	0.7420E+00	-.1700E+02
AI 11	SAND10.1385E+010.0000E+00	0.8639E+00	-.1700E+02
AI 12	SAND10.1757E+010.0000E+00	0.9977E+00	-.1700E+02
AI 13	SAND10.2214E+010.0000E+00	0.1145E+01	-.1700E+02
AI 14	SAND10.2774E+010.0000E+00	0.1306E+01	-.1700E+02
AI 15	SAND10.3460E+010.0000E+00	0.1483E+01	-.1700E+02
AI 16	SAND10.4298E+010.0000E+00	0.1678E+01	-.1700E+02
AI 17	SAND10.5322E+010.0000E+00	0.1892E+01	-.1700E+02
AI 18	SAND10.6570E+010.0000E+00	0.2127E+01	-.1700E+02
AI 19	SAND10.8090E+010.0000E+00	0.2385E+01	-.1700E+02
AI 20	SAND10.9939E+010.0000E+00	0.2668E+01	-.1700E+02
AI 21	SAND10.1219E+020.0000E+00	0.2979E+01	-.1700E+02
AI 22	SAND10.1492E+020.0000E+00	0.3321E+01	-.1700E+02
AI 23	SAND10.1824E+020.0000E+00	0.3696E+01	-.1700E+02
AI 24	SAND10.2226E+020.0000E+00	0.4108E+01	-.1700E+02
AI 25	SAND10.2714E+020.0000E+00	0.4560E+01	-.1700E+02
AI 26	SAND10.3305E+020.0000E+00	0.5057E+01	-.1700E+02
AI 27	SAND10.4021E+020.0000E+00	0.5603E+01	-.1700E+02
AI 28	SAND10.4889E+020.0000E+00	0.6202E+01	-.1700E+02
AI 29	SAND10.5938E+020.0000E+00	0.6860E+01	-.1700E+02
AI 30	SAND10.7209E+020.0000E+00	0.7583E+01	-.1700E+02
AI 31	SAND10.8745E+020.0000E+00	0.8376E+01	-.1700E+02
AI 32	SAND10.1060E+030.0000E+00	0.9248E+01	-.1700E+02
AI 33	SAND10.1285E+030.0000E+00	0.1021E+02	-.1700E+02
AI 34	SAND10.1557E+030.0000E+00	0.1126E+02	-.1700E+02
AI 35	SAND10.1885E+030.0000E+00	0.1241E+02	-.1700E+02
AI 36	SAND10.2281E+030.0000E+00	0.1368E+02	-.1700E+02
AI 37	SAND10.2760E+030.0000E+00	0.1507E+02	-.1700E+02
AI 38	SAND10.3339E+030.0000E+00	0.1660E+02	-.1700E+02
AI 39	SAND10.4038E+030.0000E+00	0.1828E+02	-.1700E+02
AI 40	SAND10.4882E+030.0000E+00	0.2012E+02	-.1700E+02
AI 41	SAND10.5901E+030.0000E+00	0.2215E+02	-.1700E+02
AI 42	SAND10.7131E+030.0000E+00	0.2437E+02	-.1700E+02
AI 43	SAND10.8617E+030.0000E+00	0.2682E+02	-.1700E+02
AI 44	SAND10.1041E+040.0000E+00	0.2950E+02	-.1700E+02
AI 45	SAND10.1257E+040.0000E+00	0.3244E+02	-.1700E+02
AI 46	SAND10.1519E+040.0000E+00	0.3568E+02	-.1700E+02
AI 47	SAND10.1834E+040.0000E+00	0.3923E+02	-.1700E+02
AI 48	SAND10.2214E+040.0000E+00	0.4314E+02	-.1700E+02
AI 49	SAND10.2673E+040.0000E+00	0.4742E+02	-.1700E+02
AI 50	SAND10.3227E+040.0000E+00	0.5213E+02	-.1700E+02
AI 51	SAND10.3895E+040.0000E+00	0.5729E+02	-.1700E+02

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AI 52	SAND10.6551E+040.0000E+00	0.6407E+02	-.1700E+02
AI 53	SAND10.1142E+050.0000E+00	0.7426E+02	-.1700E+02
AI 54	SAND10.2072E+050.0000E+00	0.8958E+02	-.1700E+02
AI 55	SAND10.3918E+050.0000E+00	0.1126E+03	-.1700E+02
AI 56	SAND10.7706E+050.0000E+00	0.1473E+03	-.1700E+02
AI 57	SAND10.1569E+060.0000E+00	0.1994E+03	-.1700E+02
AI 58	SAND10.3288E+060.0000E+00	0.2778E+03	-.1700E+02
AI 59	SAND10.7044E+060.0000E+00	0.3957E+03	-.1700E+02
AI 60	SAND10.1534E+070.0000E+00	0.5731E+03	-.1700E+02
AI 61	SAND10.3381E+070.0000E+00	0.8398E+03	-.1700E+02
AI 62	SAND10.1257E+020.0000E+00	0.1000E+04	-.1700E+02
AJ 1	SAND10.2199E-010.0000E+00	0.3500E-01	-.1900E+02
AJ 2	SAND10.6035E-010.0000E+00	0.8746E-01	-.1900E+02
AJ 3	SAND10.1099E+000.0000E+00	0.1451E+00	-.1900E+02
AJ 4	SAND10.1734E+000.0000E+00	0.2083E+00	-.1900E+02
AJ 5	SAND10.2539E+000.0000E+00	0.2778E+00	-.1900E+02
AJ 6	SAND10.3554E+000.0000E+00	0.3541E+00	-.1900E+02
AJ 7	SAND10.4827E+000.0000E+00	0.4379E+00	-.1900E+02
AJ 8	SAND10.6415E+000.0000E+00	0.5299E+00	-.1900E+02
AJ 9	SAND10.8388E+000.0000E+00	0.6310E+00	-.1900E+02
AJ 10	SAND10.1083E+010.0000E+00	0.7420E+00	-.1900E+02
AJ 11	SAND10.1385E+010.0000E+00	0.8639E+00	-.1900E+02
AJ 12	SAND10.1757E+010.0000E+00	0.9977E+00	-.1900E+02
AJ 13	SAND10.2214E+010.0000E+00	0.1145E+01	-.1900E+02
AJ 14	SAND10.2774E+010.0000E+00	0.1306E+01	-.1900E+02
AJ 15	SAND10.3460E+010.0000E+00	0.1483E+01	-.1900E+02
AJ 16	SAND10.4298E+010.0000E+00	0.1678E+01	-.1900E+02
AJ 17	SAND10.5322E+010.0000E+00	0.1892E+01	-.1900E+02
AJ 18	SAND10.6570E+010.0000E+00	0.2127E+01	-.1900E+02
AJ 19	SAND10.8090E+010.0000E+00	0.2385E+01	-.1900E+02
AJ 20	SAND10.9939E+010.0000E+00	0.2668E+01	-.1900E+02
AJ 21	SAND10.1219E+020.0000E+00	0.2979E+01	-.1900E+02
AJ 22	SAND10.1492E+020.0000E+00	0.3321E+01	-.1900E+02
AJ 23	SAND10.1824E+020.0000E+00	0.3696E+01	-.1900E+02
AJ 24	SAND10.2226E+020.0000E+00	0.4108E+01	-.1900E+02
AJ 25	SAND10.2714E+020.0000E+00	0.4560E+01	-.1900E+02
AJ 26	SAND10.3305E+020.0000E+00	0.5057E+01	-.1900E+02
AJ 27	SAND10.4021E+020.0000E+00	0.5603E+01	-.1900E+02
AJ 28	SAND10.4889E+020.0000E+00	0.6202E+01	-.1900E+02
AJ 29	SAND10.5938E+020.0000E+00	0.6860E+01	-.1900E+02
AJ 30	SAND10.7209E+020.0000E+00	0.7583E+01	-.1900E+02
AJ 31	SAND10.8745E+020.0000E+00	0.8376E+01	-.1900E+02
AJ 32	SAND10.1060E+030.0000E+00	0.9248E+01	-.1900E+02
AJ 33	SAND10.1285E+030.0000E+00	0.1021E+02	-.1900E+02
AJ 34	SAND10.1557E+030.0000E+00	0.1126E+02	-.1900E+02
AJ 35	SAND10.1885E+030.0000E+00	0.1241E+02	-.1900E+02
AJ 36	SAND10.2281E+030.0000E+00	0.1368E+02	-.1900E+02
AJ 37	SAND10.2760E+030.0000E+00	0.1507E+02	-.1900E+02
AJ 38	SAND10.3339E+030.0000E+00	0.1660E+02	-.1900E+02
AJ 39	SAND10.4038E+030.0000E+00	0.1828E+02	-.1900E+02
AJ 40	SAND10.4882E+030.0000E+00	0.2012E+02	-.1900E+02
AJ 41	SAND10.5901E+030.0000E+00	0.2215E+02	-.1900E+02
AJ 42	SAND10.7131E+030.0000E+00	0.2437E+02	-.1900E+02
AJ 43	SAND10.8617E+030.0000E+00	0.2682E+02	-.1900E+02
AJ 44	SAND10.1041E+040.0000E+00	0.2950E+02	-.1900E+02

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AJ 45	SAND10.1257E+040.0000E+00	0.3244E+02	-.1900E+02
AJ 46	SAND10.1519E+040.0000E+00	0.3568E+02	-.1900E+02
AJ 47	SAND10.1834E+040.0000E+00	0.3923E+02	-.1900E+02
AJ 48	SAND10.2214E+040.0000E+00	0.4314E+02	-.1900E+02
AJ 49	SAND10.2673E+040.0000E+00	0.4742E+02	-.1900E+02
AJ 50	SAND10.3227E+040.0000E+00	0.5213E+02	-.1900E+02
AJ 51	SAND10.3895E+040.0000E+00	0.5729E+02	-.1900E+02
AJ 52	SAND10.6551E+040.0000E+00	0.6407E+02	-.1900E+02
AJ 53	SAND10.1142E+050.0000E+00	0.7426E+02	-.1900E+02
AJ 54	SAND10.2072E+050.0000E+00	0.8958E+02	-.1900E+02
AJ 55	SAND10.3918E+050.0000E+00	0.1126E+03	-.1900E+02
AJ 56	SAND10.7706E+050.0000E+00	0.1473E+03	-.1900E+02
AJ 57	SAND10.1569E+060.0000E+00	0.1994E+03	-.1900E+02
AJ 58	SAND10.3288E+060.0000E+00	0.2778E+03	-.1900E+02
AJ 59	SAND10.7044E+060.0000E+00	0.3957E+03	-.1900E+02
AJ 60	SAND10.1534E+070.0000E+00	0.5731E+03	-.1900E+02
AJ 61	SAND10.3381E+070.0000E+00	0.8398E+03	-.1900E+02
AJ 62	SAND10.1257E+020.0000E+00	0.1000E+04	-.1900E+02
AK 1	SAND10.2199E-010.0000E+00	0.3500E-01	-.2100E+02
AK 2	SAND10.6035E-010.0000E+00	0.8746E-01	-.2100E+02
AK 3	SAND10.1099E+000.0000E+00	0.1451E+00	-.2100E+02
AK 4	SAND10.1734E+000.0000E+00	0.2083E+00	-.2100E+02
AK 5	SAND10.2539E+000.0000E+00	0.2778E+00	-.2100E+02
AK 6	SAND10.3554E+000.0000E+00	0.3541E+00	-.2100E+02
AK 7	SAND10.4827E+000.0000E+00	0.4379E+00	-.2100E+02
AK 8	SAND10.6415E+000.0000E+00	0.5299E+00	-.2100E+02
AK 9	SAND10.8388E+000.0000E+00	0.6310E+00	-.2100E+02
AK 10	SAND10.1083E+010.0000E+00	0.7420E+00	-.2100E+02
AK 11	SAND10.1385E+010.0000E+00	0.8639E+00	-.2100E+02
AK 12	SAND10.1757E+010.0000E+00	0.9977E+00	-.2100E+02
AK 13	SAND10.2214E+010.0000E+00	0.1145E+01	-.2100E+02
AK 14	SAND10.2774E+010.0000E+00	0.1306E+01	-.2100E+02
AK 15	SAND10.3460E+010.0000E+00	0.1483E+01	-.2100E+02
AK 16	SAND10.4298E+010.0000E+00	0.1678E+01	-.2100E+02
AK 17	SAND10.5322E+010.0000E+00	0.1892E+01	-.2100E+02
AK 18	SAND10.6570E+010.0000E+00	0.2127E+01	-.2100E+02
AK 19	SAND10.8090E+010.0000E+00	0.2385E+01	-.2100E+02
AK 20	SAND10.9939E+010.0000E+00	0.2668E+01	-.2100E+02
AK 21	SAND10.1219E+020.0000E+00	0.2979E+01	-.2100E+02
AK 22	SAND10.1492E+020.0000E+00	0.3321E+01	-.2100E+02
AK 23	SAND10.1824E+020.0000E+00	0.3696E+01	-.2100E+02
AK 24	SAND10.2226E+020.0000E+00	0.4108E+01	-.2100E+02
AK 25	SAND10.2714E+020.0000E+00	0.4560E+01	-.2100E+02
AK 26	SAND10.3305E+020.0000E+00	0.5057E+01	-.2100E+02
AK 27	SAND10.4021E+020.0000E+00	0.5603E+01	-.2100E+02
AK 28	SAND10.4889E+020.0000E+00	0.6202E+01	-.2100E+02
AK 29	SAND10.5938E+020.0000E+00	0.6860E+01	-.2100E+02
AK 30	SAND10.7209E+020.0000E+00	0.7583E+01	-.2100E+02
AK 31	SAND10.8745E+020.0000E+00	0.8376E+01	-.2100E+02
AK 32	SAND10.1060E+030.0000E+00	0.9248E+01	-.2100E+02
AK 33	SAND10.1285E+030.0000E+00	0.1021E+02	-.2100E+02
AK 34	SAND10.1557E+030.0000E+00	0.1126E+02	-.2100E+02
AK 35	SAND10.1885E+030.0000E+00	0.1241E+02	-.2100E+02
AK 36	SAND10.2281E+030.0000E+00	0.1368E+02	-.2100E+02
AK 37	SAND10.2760E+030.0000E+00	0.1507E+02	-.2100E+02

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AK 38	SAND10.3339E+030.0000E+00	0.1660E+02	-.2100E+02
AK 39	SAND10.4038E+030.0000E+00	0.1828E+02	-.2100E+02
AK 40	SAND10.4882E+030.0000E+00	0.2012E+02	-.2100E+02
AK 41	SAND10.5901E+030.0000E+00	0.2215E+02	-.2100E+02
AK 42	SAND10.7131E+030.0000E+00	0.2437E+02	-.2100E+02
AK 43	SAND10.8617E+030.0000E+00	0.2682E+02	-.2100E+02
AK 44	SAND10.1041E+040.0000E+00	0.2950E+02	-.2100E+02
AK 45	SAND10.1257E+040.0000E+00	0.3244E+02	-.2100E+02
AK 46	SAND10.1519E+040.0000E+00	0.3568E+02	-.2100E+02
AK 47	SAND10.1834E+040.0000E+00	0.3923E+02	-.2100E+02
AK 48	SAND10.2214E+040.0000E+00	0.4314E+02	-.2100E+02
AK 49	SAND10.2673E+040.0000E+00	0.4742E+02	-.2100E+02
AK 50	SAND10.3227E+040.0000E+00	0.5213E+02	-.2100E+02
AK 51	SAND10.3895E+040.0000E+00	0.5729E+02	-.2100E+02
AK 52	SAND10.6551E+040.0000E+00	0.6407E+02	-.2100E+02
AK 53	SAND10.1142E+050.0000E+00	0.7426E+02	-.2100E+02
AK 54	SAND10.2072E+050.0000E+00	0.8958E+02	-.2100E+02
AK 55	SAND10.3918E+050.0000E+00	0.1126E+03	-.2100E+02
AK 56	SAND10.7706E+050.0000E+00	0.1473E+03	-.2100E+02
AK 57	SAND10.1569E+060.0000E+00	0.1994E+03	-.2100E+02
AK 58	SAND10.3288E+060.0000E+00	0.2778E+03	-.2100E+02
AK 59	SAND10.7044E+060.0000E+00	0.3957E+03	-.2100E+02
AK 60	SAND10.1534E+070.0000E+00	0.5731E+03	-.2100E+02
AK 61	SAND10.3381E+070.0000E+00	0.8398E+03	-.2100E+02
AK 62	SAND10.1257E+020.0000E+00	0.1000E+04	-.2100E+02
AL 1	SAND10.2199E-010.0000E+00	0.3500E-01	-.2300E+02
AL 2	SAND10.6035E-010.0000E+00	0.8746E-01	-.2300E+02
AL 3	SAND10.1099E+000.0000E+00	0.1451E+00	-.2300E+02
AL 4	SAND10.1734E+000.0000E+00	0.2083E+00	-.2300E+02
AL 5	SAND10.2539E+000.0000E+00	0.2778E+00	-.2300E+02
AL 6	SAND10.3554E+000.0000E+00	0.3541E+00	-.2300E+02
AL 7	SAND10.4827E+000.0000E+00	0.4379E+00	-.2300E+02
AL 8	SAND10.6415E+000.0000E+00	0.5299E+00	-.2300E+02
AL 9	SAND10.8388E+000.0000E+00	0.6310E+00	-.2300E+02
AL 10	SAND10.1083E+010.0000E+00	0.7420E+00	-.2300E+02
AL 11	SAND10.1385E+010.0000E+00	0.8639E+00	-.2300E+02
AL 12	SAND10.1757E+010.0000E+00	0.9977E+00	-.2300E+02
AL 13	SAND10.2214E+010.0000E+00	0.1145E+01	-.2300E+02
AL 14	SAND10.2774E+010.0000E+00	0.1306E+01	-.2300E+02
AL 15	SAND10.3460E+010.0000E+00	0.1483E+01	-.2300E+02
AL 16	SAND10.4298E+010.0000E+00	0.1678E+01	-.2300E+02
AL 17	SAND10.5322E+010.0000E+00	0.1892E+01	-.2300E+02
AL 18	SAND10.6570E+010.0000E+00	0.2127E+01	-.2300E+02
AL 19	SAND10.8090E+010.0000E+00	0.2385E+01	-.2300E+02
AL 20	SAND10.9939E+010.0000E+00	0.2668E+01	-.2300E+02
AL 21	SAND10.1219E+020.0000E+00	0.2979E+01	-.2300E+02
AL 22	SAND10.1492E+020.0000E+00	0.3321E+01	-.2300E+02
AL 23	SAND10.1824E+020.0000E+00	0.3696E+01	-.2300E+02
AL 24	SAND10.2226E+020.0000E+00	0.4108E+01	-.2300E+02
AL 25	SAND10.2714E+020.0000E+00	0.4560E+01	-.2300E+02
AL 26	SAND10.3305E+020.0000E+00	0.5057E+01	-.2300E+02
AL 27	SAND10.4021E+020.0000E+00	0.5603E+01	-.2300E+02
AL 28	SAND10.4889E+020.0000E+00	0.6202E+01	-.2300E+02
AL 29	SAND10.5938E+020.0000E+00	0.6860E+01	-.2300E+02
AL 30	SAND10.7209E+020.0000E+00	0.7583E+01	-.2300E+02



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AL 31	SAND10.8745E+020.0000E+00	0.8376E+01	-.2300E+02
AL 32	SAND10.1060E+030.0000E+00	0.9248E+01	-.2300E+02
AL 33	SAND10.1285E+030.0000E+00	0.1021E+02	-.2300E+02
AL 34	SAND10.1557E+030.0000E+00	0.1126E+02	-.2300E+02
AL 35	SAND10.1885E+030.0000E+00	0.1241E+02	-.2300E+02
AL 36	SAND10.2281E+030.0000E+00	0.1368E+02	-.2300E+02
AL 37	SAND10.2760E+030.0000E+00	0.1507E+02	-.2300E+02
AL 38	SAND10.3339E+030.0000E+00	0.1660E+02	-.2300E+02
AL 39	SAND10.4038E+030.0000E+00	0.1828E+02	-.2300E+02
AL 40	SAND10.4882E+030.0000E+00	0.2012E+02	-.2300E+02
AL 41	SAND10.5901E+030.0000E+00	0.2215E+02	-.2300E+02
AL 42	SAND10.7131E+030.0000E+00	0.2437E+02	-.2300E+02
AL 43	SAND10.8617E+030.0000E+00	0.2682E+02	-.2300E+02
AL 44	SAND10.1041E+040.0000E+00	0.2950E+02	-.2300E+02
AL 45	SAND10.1257E+040.0000E+00	0.3244E+02	-.2300E+02
AL 46	SAND10.1519E+040.0000E+00	0.3568E+02	-.2300E+02
AL 47	SAND10.1834E+040.0000E+00	0.3923E+02	-.2300E+02
AL 48	SAND10.2214E+040.0000E+00	0.4314E+02	-.2300E+02
AL 49	SAND10.2673E+040.0000E+00	0.4742E+02	-.2300E+02
AL 50	SAND10.3227E+040.0000E+00	0.5213E+02	-.2300E+02
AL 51	SAND10.3895E+040.0000E+00	0.5729E+02	-.2300E+02
AL 52	SAND10.6551E+040.0000E+00	0.6407E+02	-.2300E+02
AL 53	SAND10.1142E+050.0000E+00	0.7426E+02	-.2300E+02
AL 54	SAND10.2072E+050.0000E+00	0.8958E+02	-.2300E+02
AL 55	SAND10.3918E+050.0000E+00	0.1126E+03	-.2300E+02
AL 56	SAND10.7706E+050.0000E+00	0.1473E+03	-.2300E+02
AL 57	SAND10.1569E+060.0000E+00	0.1994E+03	-.2300E+02
AL 58	SAND10.3288E+060.0000E+00	0.2778E+03	-.2300E+02
AL 59	SAND10.7044E+060.0000E+00	0.3957E+03	-.2300E+02
AL 60	SAND10.1534E+070.0000E+00	0.5731E+03	-.2300E+02
AL 61	SAND10.3381E+070.0000E+00	0.8398E+03	-.2300E+02
AL 62	SAND10.1257E+020.0000E+00	0.1000E+04	-.2300E+02
AM 1	SAND10.2199E-010.0000E+00	0.3500E-01	-.2500E+02
AM 2	SAND10.6035E-010.0000E+00	0.8746E-01	-.2500E+02
AM 3	SAND10.1099E+000.0000E+00	0.1451E+00	-.2500E+02
AM 4	SAND10.1734E+000.0000E+00	0.2083E+00	-.2500E+02
AM 5	SAND10.2539E+000.0000E+00	0.2778E+00	-.2500E+02
AM 6	SAND10.3554E+000.0000E+00	0.3541E+00	-.2500E+02
AM 7	SAND10.4827E+000.0000E+00	0.4379E+00	-.2500E+02
AM 8	SAND10.6415E+000.0000E+00	0.5299E+00	-.2500E+02
AM 9	SAND10.8388E+000.0000E+00	0.6310E+00	-.2500E+02
AM 10	SAND10.1083E+010.0000E+00	0.7420E+00	-.2500E+02
AM 11	SAND10.1385E+010.0000E+00	0.8639E+00	-.2500E+02
AM 12	SAND10.1757E+010.0000E+00	0.9977E+00	-.2500E+02
AM 13	SAND10.2214E+010.0000E+00	0.1145E+01	-.2500E+02
AM 14	SAND10.2774E+010.0000E+00	0.1306E+01	-.2500E+02
AM 15	SAND10.3460E+010.0000E+00	0.1483E+01	-.2500E+02
AM 16	SAND10.4298E+010.0000E+00	0.1678E+01	-.2500E+02
AM 17	SAND10.5322E+010.0000E+00	0.1892E+01	-.2500E+02
AM 18	SAND10.6570E+010.0000E+00	0.2127E+01	-.2500E+02
AM 19	SAND10.8090E+010.0000E+00	0.2385E+01	-.2500E+02
AM 20	SAND10.9939E+010.0000E+00	0.2668E+01	-.2500E+02
AM 21	SAND10.1219E+020.0000E+00	0.2979E+01	-.2500E+02
AM 22	SAND10.1492E+020.0000E+00	0.3321E+01	-.2500E+02
AM 23	SAND10.1824E+020.0000E+00	0.3696E+01	-.2500E+02

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AM 24	SAND10.2226E+020.0000E+00	0.4108E+01	-.2500E+02
AM 25	SAND10.2714E+020.0000E+00	0.4560E+01	-.2500E+02
AM 26	SAND10.3305E+020.0000E+00	0.5057E+01	-.2500E+02
AM 27	SAND10.4021E+020.0000E+00	0.5603E+01	-.2500E+02
AM 28	SAND10.4889E+020.0000E+00	0.6202E+01	-.2500E+02
AM 29	SAND10.5938E+020.0000E+00	0.6860E+01	-.2500E+02
AM 30	SAND10.7209E+020.0000E+00	0.7583E+01	-.2500E+02
AM 31	SAND10.8745E+020.0000E+00	0.8376E+01	-.2500E+02
AM 32	SAND10.1060E+030.0000E+00	0.9248E+01	-.2500E+02
AM 33	SAND10.1285E+030.0000E+00	0.1021E+02	-.2500E+02
AM 34	SAND10.1557E+030.0000E+00	0.1126E+02	-.2500E+02
AM 35	SAND10.1885E+030.0000E+00	0.1241E+02	-.2500E+02
AM 36	SAND10.2281E+030.0000E+00	0.1368E+02	-.2500E+02
AM 37	SAND10.2760E+030.0000E+00	0.1507E+02	-.2500E+02
AM 38	SAND10.3339E+030.0000E+00	0.1660E+02	-.2500E+02
AM 39	SAND10.4038E+030.0000E+00	0.1828E+02	-.2500E+02
AM 40	SAND10.4882E+030.0000E+00	0.2012E+02	-.2500E+02
AM 41	SAND10.5901E+030.0000E+00	0.2215E+02	-.2500E+02
AM 42	SAND10.7131E+030.0000E+00	0.2437E+02	-.2500E+02
AM 43	SAND10.8617E+030.0000E+00	0.2682E+02	-.2500E+02
AM 44	SAND10.1041E+040.0000E+00	0.2950E+02	-.2500E+02
AM 45	SAND10.1257E+040.0000E+00	0.3244E+02	-.2500E+02
AM 46	SAND10.1519E+040.0000E+00	0.3568E+02	-.2500E+02
AM 47	SAND10.1834E+040.0000E+00	0.3923E+02	-.2500E+02
AM 48	SAND10.2214E+040.0000E+00	0.4314E+02	-.2500E+02
AM 49	SAND10.2673E+040.0000E+00	0.4742E+02	-.2500E+02
AM 50	SAND10.3227E+040.0000E+00	0.5213E+02	-.2500E+02
AM 51	SAND10.3895E+040.0000E+00	0.5729E+02	-.2500E+02
AM 52	SAND10.6551E+040.0000E+00	0.6407E+02	-.2500E+02
AM 53	SAND10.1142E+050.0000E+00	0.7426E+02	-.2500E+02
AM 54	SAND10.2072E+050.0000E+00	0.8958E+02	-.2500E+02
AM 55	SAND10.3918E+050.0000E+00	0.1126E+03	-.2500E+02
AM 56	SAND10.7706E+050.0000E+00	0.1473E+03	-.2500E+02
AM 57	SAND10.1569E+060.0000E+00	0.1994E+03	-.2500E+02
AM 58	SAND10.3288E+060.0000E+00	0.2778E+03	-.2500E+02
AM 59	SAND10.7044E+060.0000E+00	0.3957E+03	-.2500E+02
AM 60	SAND10.1534E+070.0000E+00	0.5731E+03	-.2500E+02
AM 61	SAND10.3381E+070.0000E+00	0.8398E+03	-.2500E+02
AM 62	SAND10.1257E+020.0000E+00	0.1000E+04	-.2500E+02
AN 1	SAND10.2199E-010.0000E+00	0.3500E-01	-.2700E+02
AN 2	SAND10.6035E-010.0000E+00	0.8746E-01	-.2700E+02
AN 3	SAND10.1099E+000.0000E+00	0.1451E+00	-.2700E+02
AN 4	SAND10.1734E+000.0000E+00	0.2083E+00	-.2700E+02
AN 5	SAND10.2539E+000.0000E+00	0.2778E+00	-.2700E+02
AN 6	SAND10.3554E+000.0000E+00	0.3541E+00	-.2700E+02
AN 7	SAND10.4827E+000.0000E+00	0.4379E+00	-.2700E+02
AN 8	SAND10.6415E+000.0000E+00	0.5299E+00	-.2700E+02
AN 9	SAND10.8388E+000.0000E+00	0.6310E+00	-.2700E+02
AN 10	SAND10.1083E+010.0000E+00	0.7420E+00	-.2700E+02
AN 11	SAND10.1385E+010.0000E+00	0.8639E+00	-.2700E+02
AN 12	SAND10.1757E+010.0000E+00	0.9977E+00	-.2700E+02
AN 13	SAND10.2214E+010.0000E+00	0.1145E+01	-.2700E+02
AN 14	SAND10.2774E+010.0000E+00	0.1306E+01	-.2700E+02
AN 15	SAND10.3460E+010.0000E+00	0.1483E+01	-.2700E+02
AN 16	SAND10.4298E+010.0000E+00	0.1678E+01	-.2700E+02

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AN 17	SAND10.5322E+010.0000E+00	0.1892E+01	-.2700E+02
AN 18	SAND10.6570E+010.0000E+00	0.2127E+01	-.2700E+02
AN 19	SAND10.8090E+010.0000E+00	0.2385E+01	-.2700E+02
AN 20	SAND10.9939E+010.0000E+00	0.2668E+01	-.2700E+02
AN 21	SAND10.1219E+020.0000E+00	0.2979E+01	-.2700E+02
AN 22	SAND10.1492E+020.0000E+00	0.3321E+01	-.2700E+02
AN 23	SAND10.1824E+020.0000E+00	0.3696E+01	-.2700E+02
AN 24	SAND10.2226E+020.0000E+00	0.4108E+01	-.2700E+02
AN 25	SAND10.2714E+020.0000E+00	0.4560E+01	-.2700E+02
AN 26	SAND10.3305E+020.0000E+00	0.5057E+01	-.2700E+02
AN 27	SAND10.4021E+020.0000E+00	0.5603E+01	-.2700E+02
AN 28	SAND10.4889E+020.0000E+00	0.6202E+01	-.2700E+02
AN 29	SAND10.5938E+020.0000E+00	0.6860E+01	-.2700E+02
AN 30	SAND10.7209E+020.0000E+00	0.7583E+01	-.2700E+02
AN 31	SAND10.8745E+020.0000E+00	0.8376E+01	-.2700E+02
AN 32	SAND10.1060E+030.0000E+00	0.9248E+01	-.2700E+02
AN 33	SAND10.1285E+030.0000E+00	0.1021E+02	-.2700E+02
AN 34	SAND10.1557E+030.0000E+00	0.1126E+02	-.2700E+02
AN 35	SAND10.1885E+030.0000E+00	0.1241E+02	-.2700E+02
AN 36	SAND10.2281E+030.0000E+00	0.1368E+02	-.2700E+02
AN 37	SAND10.2760E+030.0000E+00	0.1507E+02	-.2700E+02
AN 38	SAND10.3339E+030.0000E+00	0.1660E+02	-.2700E+02
AN 39	SAND10.4038E+030.0000E+00	0.1828E+02	-.2700E+02
AN 40	SAND10.4882E+030.0000E+00	0.2012E+02	-.2700E+02
AN 41	SAND10.5901E+030.0000E+00	0.2215E+02	-.2700E+02
AN 42	SAND10.7131E+030.0000E+00	0.2437E+02	-.2700E+02
AN 43	SAND10.8617E+030.0000E+00	0.2682E+02	-.2700E+02
AN 44	SAND10.1041E+040.0000E+00	0.2950E+02	-.2700E+02
AN 45	SAND10.1257E+040.0000E+00	0.3244E+02	-.2700E+02
AN 46	SAND10.1519E+040.0000E+00	0.3568E+02	-.2700E+02
AN 47	SAND10.1834E+040.0000E+00	0.3923E+02	-.2700E+02
AN 48	SAND10.2214E+040.0000E+00	0.4314E+02	-.2700E+02
AN 49	SAND10.2673E+040.0000E+00	0.4742E+02	-.2700E+02
AN 50	SAND10.3227E+040.0000E+00	0.5213E+02	-.2700E+02
AN 51	SAND10.3895E+040.0000E+00	0.5729E+02	-.2700E+02
AN 52	SAND10.6551E+040.0000E+00	0.6407E+02	-.2700E+02
AN 53	SAND10.1142E+050.0000E+00	0.7426E+02	-.2700E+02
AN 54	SAND10.2072E+050.0000E+00	0.8958E+02	-.2700E+02
AN 55	SAND10.3918E+050.0000E+00	0.1126E+03	-.2700E+02
AN 56	SAND10.7706E+050.0000E+00	0.1473E+03	-.2700E+02
AN 57	SAND10.1569E+060.0000E+00	0.1994E+03	-.2700E+02
AN 58	SAND10.3288E+060.0000E+00	0.2778E+03	-.2700E+02
AN 59	SAND10.7044E+060.0000E+00	0.3957E+03	-.2700E+02
AN 60	SAND10.1534E+070.0000E+00	0.5731E+03	-.2700E+02
AN 61	SAND10.3381E+070.0000E+00	0.8398E+03	-.2700E+02
AN 62	SAND10.1257E+020.0000E+00	0.1000E+04	-.2700E+02
AO 1	SAND10.2199E-010.0000E+00	0.3500E-01	-.2900E+02
AO 2	SAND10.6035E-010.0000E+00	0.8746E-01	-.2900E+02
AO 3	SAND10.1099E+000.0000E+00	0.1451E+00	-.2900E+02
AO 4	SAND10.1734E+000.0000E+00	0.2083E+00	-.2900E+02
AO 5	SAND10.2539E+000.0000E+00	0.2778E+00	-.2900E+02
AO 6	SAND10.3554E+000.0000E+00	0.3541E+00	-.2900E+02
AO 7	SAND10.4827E+000.0000E+00	0.4379E+00	-.2900E+02
AO 8	SAND10.6415E+000.0000E+00	0.5299E+00	-.2900E+02
AO 9	SAND10.8388E+000.0000E+00	0.6310E+00	-.2900E+02

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AO 10	SAND10.1083E+010.0000E+00	0.7420E+00	-.2900E+02
AO 11	SAND10.1385E+010.0000E+00	0.8639E+00	-.2900E+02
AO 12	SAND10.1757E+010.0000E+00	0.9977E+00	-.2900E+02
AO 13	SAND10.2214E+010.0000E+00	0.1145E+01	-.2900E+02
AO 14	SAND10.2774E+010.0000E+00	0.1306E+01	-.2900E+02
AO 15	SAND10.3460E+010.0000E+00	0.1483E+01	-.2900E+02
AO 16	SAND10.4298E+010.0000E+00	0.1678E+01	-.2900E+02
AO 17	SAND10.5322E+010.0000E+00	0.1892E+01	-.2900E+02
AO 18	SAND10.6570E+010.0000E+00	0.2127E+01	-.2900E+02
AO 19	SAND10.8090E+010.0000E+00	0.2385E+01	-.2900E+02
AO 20	SAND10.9939E+010.0000E+00	0.2668E+01	-.2900E+02
AO 21	SAND10.1219E+020.0000E+00	0.2979E+01	-.2900E+02
AO 22	SAND10.1492E+020.0000E+00	0.3321E+01	-.2900E+02
AO 23	SAND10.1824E+020.0000E+00	0.3696E+01	-.2900E+02
AO 24	SAND10.2226E+020.0000E+00	0.4108E+01	-.2900E+02
AO 25	SAND10.2714E+020.0000E+00	0.4560E+01	-.2900E+02
AO 26	SAND10.3305E+020.0000E+00	0.5057E+01	-.2900E+02
AO 27	SAND10.4021E+020.0000E+00	0.5603E+01	-.2900E+02
AO 28	SAND10.4889E+020.0000E+00	0.6202E+01	-.2900E+02
AO 29	SAND10.5938E+020.0000E+00	0.6860E+01	-.2900E+02
AO 30	SAND10.7209E+020.0000E+00	0.7583E+01	-.2900E+02
AO 31	SAND10.8745E+020.0000E+00	0.8376E+01	-.2900E+02
AO 32	SAND10.1060E+030.0000E+00	0.9248E+01	-.2900E+02
AO 33	SAND10.1285E+030.0000E+00	0.1021E+02	-.2900E+02
AO 34	SAND10.1557E+030.0000E+00	0.1126E+02	-.2900E+02
AO 35	SAND10.1885E+030.0000E+00	0.1241E+02	-.2900E+02
AO 36	SAND10.2281E+030.0000E+00	0.1368E+02	-.2900E+02
AO 37	SAND10.2760E+030.0000E+00	0.1507E+02	-.2900E+02
AO 38	SAND10.3339E+030.0000E+00	0.1660E+02	-.2900E+02
AO 39	SAND10.4038E+030.0000E+00	0.1828E+02	-.2900E+02
AO 40	SAND10.4882E+030.0000E+00	0.2012E+02	-.2900E+02
AO 41	SAND10.5901E+030.0000E+00	0.2215E+02	-.2900E+02
AO 42	SAND10.7131E+030.0000E+00	0.2437E+02	-.2900E+02
AO 43	SAND10.8617E+030.0000E+00	0.2682E+02	-.2900E+02
AO 44	SAND10.1041E+040.0000E+00	0.2950E+02	-.2900E+02
AO 45	SAND10.1257E+040.0000E+00	0.3244E+02	-.2900E+02
AO 46	SAND10.1519E+040.0000E+00	0.3568E+02	-.2900E+02
AO 47	SAND10.1834E+040.0000E+00	0.3923E+02	-.2900E+02
AO 48	SAND10.2214E+040.0000E+00	0.4314E+02	-.2900E+02
AO 49	SAND10.2673E+040.0000E+00	0.4742E+02	-.2900E+02
AO 50	SAND10.3227E+040.0000E+00	0.5213E+02	-.2900E+02
AO 51	SAND10.3895E+040.0000E+00	0.5729E+02	-.2900E+02
AO 52	SAND10.6551E+040.0000E+00	0.6407E+02	-.2900E+02
AO 53	SAND10.1142E+050.0000E+00	0.7426E+02	-.2900E+02
AO 54	SAND10.2072E+050.0000E+00	0.8958E+02	-.2900E+02
AO 55	SAND10.3918E+050.0000E+00	0.1126E+03	-.2900E+02
AO 56	SAND10.7706E+050.0000E+00	0.1473E+03	-.2900E+02
AO 57	SAND10.1569E+060.0000E+00	0.1994E+03	-.2900E+02
AO 58	SAND10.3288E+060.0000E+00	0.2778E+03	-.2900E+02
AO 59	SAND10.7044E+060.0000E+00	0.3957E+03	-.2900E+02
AO 60	SAND10.1534E+070.0000E+00	0.5731E+03	-.2900E+02
AO 61	SAND10.3381E+070.0000E+00	0.8398E+03	-.2900E+02
AO 62	SAND10.1257E+020.0000E+00	0.1000E+04	-.2900E+02
AP 1	SAND10.2199E-010.0000E+00	0.3500E-01	-.3100E+02
AP 2	SAND10.6035E-010.0000E+00	0.8746E-01	-.3100E+02

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AP 3	SAND10.1099E+000.0000E+00	0.1451E+00	-.3100E+02
AP 4	SAND10.1734E+000.0000E+00	0.2083E+00	-.3100E+02
AP 5	SAND10.2539E+000.0000E+00	0.2778E+00	-.3100E+02
AP 6	SAND10.3554E+000.0000E+00	0.3541E+00	-.3100E+02
AP 7	SAND10.4827E+000.0000E+00	0.4379E+00	-.3100E+02
AP 8	SAND10.6415E+000.0000E+00	0.5299E+00	-.3100E+02
AP 9	SAND10.8388E+000.0000E+00	0.6310E+00	-.3100E+02
AP 10	SAND10.1083E+010.0000E+00	0.7420E+00	-.3100E+02
AP 11	SAND10.1385E+010.0000E+00	0.8639E+00	-.3100E+02
AP 12	SAND10.1757E+010.0000E+00	0.9977E+00	-.3100E+02
AP 13	SAND10.2214E+010.0000E+00	0.1145E+01	-.3100E+02
AP 14	SAND10.2774E+010.0000E+00	0.1306E+01	-.3100E+02
AP 15	SAND10.3460E+010.0000E+00	0.1483E+01	-.3100E+02
AP 16	SAND10.4298E+010.0000E+00	0.1678E+01	-.3100E+02
AP 17	SAND10.5322E+010.0000E+00	0.1892E+01	-.3100E+02
AP 18	SAND10.6570E+010.0000E+00	0.2127E+01	-.3100E+02
AP 19	SAND10.8090E+010.0000E+00	0.2385E+01	-.3100E+02
AP 20	SAND10.9939E+010.0000E+00	0.2668E+01	-.3100E+02
AP 21	SAND10.1219E+020.0000E+00	0.2979E+01	-.3100E+02
AP 22	SAND10.1492E+020.0000E+00	0.3321E+01	-.3100E+02
AP 23	SAND10.1824E+020.0000E+00	0.3696E+01	-.3100E+02
AP 24	SAND10.2226E+020.0000E+00	0.4108E+01	-.3100E+02
AP 25	SAND10.2714E+020.0000E+00	0.4560E+01	-.3100E+02
AP 26	SAND10.3305E+020.0000E+00	0.5057E+01	-.3100E+02
AP 27	SAND10.4021E+020.0000E+00	0.5603E+01	-.3100E+02
AP 28	SAND10.4889E+020.0000E+00	0.6202E+01	-.3100E+02
AP 29	SAND10.5938E+020.0000E+00	0.6860E+01	-.3100E+02
AP 30	SAND10.7209E+020.0000E+00	0.7583E+01	-.3100E+02
AP 31	SAND10.8745E+020.0000E+00	0.8376E+01	-.3100E+02
AP 32	SAND10.1060E+030.0000E+00	0.9248E+01	-.3100E+02
AP 33	SAND10.1285E+030.0000E+00	0.1021E+02	-.3100E+02
AP 34	SAND10.1557E+030.0000E+00	0.1126E+02	-.3100E+02
AP 35	SAND10.1885E+030.0000E+00	0.1241E+02	-.3100E+02
AP 36	SAND10.2281E+030.0000E+00	0.1368E+02	-.3100E+02
AP 37	SAND10.2760E+030.0000E+00	0.1507E+02	-.3100E+02
AP 38	SAND10.3339E+030.0000E+00	0.1660E+02	-.3100E+02
AP 39	SAND10.4038E+030.0000E+00	0.1828E+02	-.3100E+02
AP 40	SAND10.4882E+030.0000E+00	0.2012E+02	-.3100E+02
AP 41	SAND10.5901E+030.0000E+00	0.2215E+02	-.3100E+02
AP 42	SAND10.7131E+030.0000E+00	0.2437E+02	-.3100E+02
AP 43	SAND10.8617E+030.0000E+00	0.2682E+02	-.3100E+02
AP 44	SAND10.1041E+040.0000E+00	0.2950E+02	-.3100E+02
AP 45	SAND10.1257E+040.0000E+00	0.3244E+02	-.3100E+02
AP 46	SAND10.1519E+040.0000E+00	0.3568E+02	-.3100E+02
AP 47	SAND10.1834E+040.0000E+00	0.3923E+02	-.3100E+02
AP 48	SAND10.2214E+040.0000E+00	0.4314E+02	-.3100E+02
AP 49	SAND10.2673E+040.0000E+00	0.4742E+02	-.3100E+02
AP 50	SAND10.3227E+040.0000E+00	0.5213E+02	-.3100E+02
AP 51	SAND10.3895E+040.0000E+00	0.5729E+02	-.3100E+02
AP 52	SAND10.6551E+040.0000E+00	0.6407E+02	-.3100E+02
AP 53	SAND10.1142E+050.0000E+00	0.7426E+02	-.3100E+02
AP 54	SAND10.2072E+050.0000E+00	0.8958E+02	-.3100E+02
AP 55	SAND10.3918E+050.0000E+00	0.1126E+03	-.3100E+02
AP 56	SAND10.7706E+050.0000E+00	0.1473E+03	-.3100E+02
AP 57	SAND10.1569E+060.0000E+00	0.1994E+03	-.3100E+02

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AP 58	SAND10.3288E+060.0000E+00	0.2778E+03	-.3100E+02
AP 59	SAND10.7044E+060.0000E+00	0.3957E+03	-.3100E+02
AP 60	SAND10.1534E+070.0000E+00	0.5731E+03	-.3100E+02
AP 61	SAND10.3381E+070.0000E+00	0.8398E+03	-.3100E+02
AP 62	SAND10.1257E+020.0000E+00	0.1000E+04	-.3100E+02
AQ 1	SAND10.2199E-010.0000E+00	0.3500E-01	-.3300E+02
AQ 2	SAND10.6035E-010.0000E+00	0.8746E-01	-.3300E+02
AQ 3	SAND10.1099E+000.0000E+00	0.1451E+00	-.3300E+02
AQ 4	SAND10.1734E+000.0000E+00	0.2083E+00	-.3300E+02
AQ 5	SAND10.2539E+000.0000E+00	0.2778E+00	-.3300E+02
AQ 6	SAND10.3554E+000.0000E+00	0.3541E+00	-.3300E+02
AQ 7	SAND10.4827E+000.0000E+00	0.4379E+00	-.3300E+02
AQ 8	SAND10.6415E+000.0000E+00	0.5299E+00	-.3300E+02
AQ 9	SAND10.8388E+000.0000E+00	0.6310E+00	-.3300E+02
AQ 10	SAND10.1083E+010.0000E+00	0.7420E+00	-.3300E+02
AQ 11	SAND10.1385E+010.0000E+00	0.8639E+00	-.3300E+02
AQ 12	SAND10.1757E+010.0000E+00	0.9977E+00	-.3300E+02
AQ 13	SAND10.2214E+010.0000E+00	0.1145E+01	-.3300E+02
AQ 14	SAND10.2774E+010.0000E+00	0.1306E+01	-.3300E+02
AQ 15	SAND10.3460E+010.0000E+00	0.1483E+01	-.3300E+02
AQ 16	SAND10.4298E+010.0000E+00	0.1678E+01	-.3300E+02
AQ 17	SAND10.5322E+010.0000E+00	0.1892E+01	-.3300E+02
AQ 18	SAND10.6570E+010.0000E+00	0.2127E+01	-.3300E+02
AQ 19	SAND10.8090E+010.0000E+00	0.2385E+01	-.3300E+02
AQ 20	SAND10.9939E+010.0000E+00	0.2668E+01	-.3300E+02
AQ 21	SAND10.1219E+020.0000E+00	0.2979E+01	-.3300E+02
AQ 22	SAND10.1492E+020.0000E+00	0.3321E+01	-.3300E+02
AQ 23	SAND10.1824E+020.0000E+00	0.3696E+01	-.3300E+02
AQ 24	SAND10.2226E+020.0000E+00	0.4108E+01	-.3300E+02
AQ 25	SAND10.2714E+020.0000E+00	0.4560E+01	-.3300E+02
AQ 26	SAND10.3305E+020.0000E+00	0.5057E+01	-.3300E+02
AQ 27	SAND10.4021E+020.0000E+00	0.5603E+01	-.3300E+02
AQ 28	SAND10.4889E+020.0000E+00	0.6202E+01	-.3300E+02
AQ 29	SAND10.5938E+020.0000E+00	0.6860E+01	-.3300E+02
AQ 30	SAND10.7209E+020.0000E+00	0.7583E+01	-.3300E+02
AQ 31	SAND10.8745E+020.0000E+00	0.8376E+01	-.3300E+02
AQ 32	SAND10.1060E+030.0000E+00	0.9248E+01	-.3300E+02
AQ 33	SAND10.1285E+030.0000E+00	0.1021E+02	-.3300E+02
AQ 34	SAND10.1557E+030.0000E+00	0.1126E+02	-.3300E+02
AQ 35	SAND10.1885E+030.0000E+00	0.1241E+02	-.3300E+02
AQ 36	SAND10.2281E+030.0000E+00	0.1368E+02	-.3300E+02
AQ 37	SAND10.2760E+030.0000E+00	0.1507E+02	-.3300E+02
AQ 38	SAND10.3339E+030.0000E+00	0.1660E+02	-.3300E+02
AQ 39	SAND10.4038E+030.0000E+00	0.1828E+02	-.3300E+02
AQ 40	SAND10.4882E+030.0000E+00	0.2012E+02	-.3300E+02
AQ 41	SAND10.5901E+030.0000E+00	0.2215E+02	-.3300E+02
AQ 42	SAND10.7131E+030.0000E+00	0.2437E+02	-.3300E+02
AQ 43	SAND10.8617E+030.0000E+00	0.2682E+02	-.3300E+02
AQ 44	SAND10.1041E+040.0000E+00	0.2950E+02	-.3300E+02
AQ 45	SAND10.1257E+040.0000E+00	0.3244E+02	-.3300E+02
AQ 46	SAND10.1519E+040.0000E+00	0.3568E+02	-.3300E+02
AQ 47	SAND10.1834E+040.0000E+00	0.3923E+02	-.3300E+02
AQ 48	SAND10.2214E+040.0000E+00	0.4314E+02	-.3300E+02
AQ 49	SAND10.2673E+040.0000E+00	0.4742E+02	-.3300E+02
AQ 50	SAND10.3227E+040.0000E+00	0.5213E+02	-.3300E+02

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AQ 51	SAND10.3895E+040.0000E+00	0.5729E+02	-.3300E+02
AQ 52	SAND10.6551E+040.0000E+00	0.6407E+02	-.3300E+02
AQ 53	SAND10.1142E+050.0000E+00	0.7426E+02	-.3300E+02
AQ 54	SAND10.2072E+050.0000E+00	0.8958E+02	-.3300E+02
AQ 55	SAND10.3918E+050.0000E+00	0.1126E+03	-.3300E+02
AQ 56	SAND10.7706E+050.0000E+00	0.1473E+03	-.3300E+02
AQ 57	SAND10.1569E+060.0000E+00	0.1994E+03	-.3300E+02
AQ 58	SAND10.3288E+060.0000E+00	0.2778E+03	-.3300E+02
AQ 59	SAND10.7044E+060.0000E+00	0.3957E+03	-.3300E+02
AQ 60	SAND10.1534E+070.0000E+00	0.5731E+03	-.3300E+02
AQ 61	SAND10.3381E+070.0000E+00	0.8398E+03	-.3300E+02
AQ 62	SAND10.1257E+020.0000E+00	0.1000E+04	-.3300E+02
AR 1	SAND10.2199E-010.0000E+00	0.3500E-01	-.3500E+02
AR 2	SAND10.6035E-010.0000E+00	0.8746E-01	-.3500E+02
AR 3	SAND10.1099E+000.0000E+00	0.1451E+00	-.3500E+02
AR 4	SAND10.1734E+000.0000E+00	0.2083E+00	-.3500E+02
AR 5	SAND10.2539E+000.0000E+00	0.2778E+00	-.3500E+02
AR 6	SAND10.3554E+000.0000E+00	0.3541E+00	-.3500E+02
AR 7	SAND10.4827E+000.0000E+00	0.4379E+00	-.3500E+02
AR 8	SAND10.6415E+000.0000E+00	0.5299E+00	-.3500E+02
AR 9	SAND10.8388E+000.0000E+00	0.6310E+00	-.3500E+02
AR 10	SAND10.1083E+010.0000E+00	0.7420E+00	-.3500E+02
AR 11	SAND10.1385E+010.0000E+00	0.8639E+00	-.3500E+02
AR 12	SAND10.1757E+010.0000E+00	0.9977E+00	-.3500E+02
AR 13	SAND10.2214E+010.0000E+00	0.1145E+01	-.3500E+02
AR 14	SAND10.2774E+010.0000E+00	0.1306E+01	-.3500E+02
AR 15	SAND10.3460E+010.0000E+00	0.1483E+01	-.3500E+02
AR 16	SAND10.4298E+010.0000E+00	0.1678E+01	-.3500E+02
AR 17	SAND10.5322E+010.0000E+00	0.1892E+01	-.3500E+02
AR 18	SAND10.6570E+010.0000E+00	0.2127E+01	-.3500E+02
AR 19	SAND10.8090E+010.0000E+00	0.2385E+01	-.3500E+02
AR 20	SAND10.9939E+010.0000E+00	0.2668E+01	-.3500E+02
AR 21	SAND10.1219E+020.0000E+00	0.2979E+01	-.3500E+02
AR 22	SAND10.1492E+020.0000E+00	0.3321E+01	-.3500E+02
AR 23	SAND10.1824E+020.0000E+00	0.3696E+01	-.3500E+02
AR 24	SAND10.2226E+020.0000E+00	0.4108E+01	-.3500E+02
AR 25	SAND10.2714E+020.0000E+00	0.4560E+01	-.3500E+02
AR 26	SAND10.3305E+020.0000E+00	0.5057E+01	-.3500E+02
AR 27	SAND10.4021E+020.0000E+00	0.5603E+01	-.3500E+02
AR 28	SAND10.4889E+020.0000E+00	0.6202E+01	-.3500E+02
AR 29	SAND10.5938E+020.0000E+00	0.6860E+01	-.3500E+02
AR 30	SAND10.7209E+020.0000E+00	0.7583E+01	-.3500E+02
AR 31	SAND10.8745E+020.0000E+00	0.8376E+01	-.3500E+02
AR 32	SAND10.1060E+030.0000E+00	0.9248E+01	-.3500E+02
AR 33	SAND10.1285E+030.0000E+00	0.1021E+02	-.3500E+02
AR 34	SAND10.1557E+030.0000E+00	0.1126E+02	-.3500E+02
AR 35	SAND10.1885E+030.0000E+00	0.1241E+02	-.3500E+02
AR 36	SAND10.2281E+030.0000E+00	0.1368E+02	-.3500E+02
AR 37	SAND10.2760E+030.0000E+00	0.1507E+02	-.3500E+02
AR 38	SAND10.3339E+030.0000E+00	0.1660E+02	-.3500E+02
AR 39	SAND10.4038E+030.0000E+00	0.1828E+02	-.3500E+02
AR 40	SAND10.4882E+030.0000E+00	0.2012E+02	-.3500E+02
AR 41	SAND10.5901E+030.0000E+00	0.2215E+02	-.3500E+02
AR 42	SAND10.7131E+030.0000E+00	0.2437E+02	-.3500E+02
AR 43	SAND10.8617E+030.0000E+00	0.2682E+02	-.3500E+02

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AR 44	SAND10.1041E+040.0000E+00	0.2950E+02	-.3500E+02
AR 45	SAND10.1257E+040.0000E+00	0.3244E+02	-.3500E+02
AR 46	SAND10.1519E+040.0000E+00	0.3568E+02	-.3500E+02
AR 47	SAND10.1834E+040.0000E+00	0.3923E+02	-.3500E+02
AR 48	SAND10.2214E+040.0000E+00	0.4314E+02	-.3500E+02
AR 49	SAND10.2673E+040.0000E+00	0.4742E+02	-.3500E+02
AR 50	SAND10.3227E+040.0000E+00	0.5213E+02	-.3500E+02
AR 51	SAND10.3895E+040.0000E+00	0.5729E+02	-.3500E+02
AR 52	SAND10.6551E+040.0000E+00	0.6407E+02	-.3500E+02
AR 53	SAND10.1142E+050.0000E+00	0.7426E+02	-.3500E+02
AR 54	SAND10.2072E+050.0000E+00	0.8958E+02	-.3500E+02
AR 55	SAND10.3918E+050.0000E+00	0.1126E+03	-.3500E+02
AR 56	SAND10.7706E+050.0000E+00	0.1473E+03	-.3500E+02
AR 57	SAND10.1569E+060.0000E+00	0.1994E+03	-.3500E+02
AR 58	SAND10.3288E+060.0000E+00	0.2778E+03	-.3500E+02
AR 59	SAND10.7044E+060.0000E+00	0.3957E+03	-.3500E+02
AR 60	SAND10.1534E+070.0000E+00	0.5731E+03	-.3500E+02
AR 61	SAND10.3381E+070.0000E+00	0.8398E+03	-.3500E+02
AR 62	SAND10.1257E+020.0000E+00	0.1000E+04	-.3500E+02
AS 1	SAND10.2199E-010.0000E+00	0.3500E-01	-.3700E+02
AS 2	SAND10.6035E-010.0000E+00	0.8746E-01	-.3700E+02
AS 3	SAND10.1099E+000.0000E+00	0.1451E+00	-.3700E+02
AS 4	SAND10.1734E+000.0000E+00	0.2083E+00	-.3700E+02
AS 5	SAND10.2539E+000.0000E+00	0.2778E+00	-.3700E+02
AS 6	SAND10.3554E+000.0000E+00	0.3541E+00	-.3700E+02
AS 7	SAND10.4827E+000.0000E+00	0.4379E+00	-.3700E+02
AS 8	SAND10.6415E+000.0000E+00	0.5299E+00	-.3700E+02
AS 9	SAND10.8388E+000.0000E+00	0.6310E+00	-.3700E+02
AS 10	SAND10.1083E+010.0000E+00	0.7420E+00	-.3700E+02
AS 11	SAND10.1385E+010.0000E+00	0.8639E+00	-.3700E+02
AS 12	SAND10.1757E+010.0000E+00	0.9977E+00	-.3700E+02
AS 13	SAND10.2214E+010.0000E+00	0.1145E+01	-.3700E+02
AS 14	SAND10.2774E+010.0000E+00	0.1306E+01	-.3700E+02
AS 15	SAND10.3460E+010.0000E+00	0.1483E+01	-.3700E+02
AS 16	SAND10.4298E+010.0000E+00	0.1678E+01	-.3700E+02
AS 17	SAND10.5322E+010.0000E+00	0.1892E+01	-.3700E+02
AS 18	SAND10.6570E+010.0000E+00	0.2127E+01	-.3700E+02
AS 19	SAND10.8090E+010.0000E+00	0.2385E+01	-.3700E+02
AS 20	SAND10.9939E+010.0000E+00	0.2668E+01	-.3700E+02
AS 21	SAND10.1219E+020.0000E+00	0.2979E+01	-.3700E+02
AS 22	SAND10.1492E+020.0000E+00	0.3321E+01	-.3700E+02
AS 23	SAND10.1824E+020.0000E+00	0.3696E+01	-.3700E+02
AS 24	SAND10.2226E+020.0000E+00	0.4108E+01	-.3700E+02
AS 25	SAND10.2714E+020.0000E+00	0.4560E+01	-.3700E+02
AS 26	SAND10.3305E+020.0000E+00	0.5057E+01	-.3700E+02
AS 27	SAND10.4021E+020.0000E+00	0.5603E+01	-.3700E+02
AS 28	SAND10.4889E+020.0000E+00	0.6202E+01	-.3700E+02
AS 29	SAND10.5938E+020.0000E+00	0.6860E+01	-.3700E+02
AS 30	SAND10.7209E+020.0000E+00	0.7583E+01	-.3700E+02
AS 31	SAND10.8745E+020.0000E+00	0.8376E+01	-.3700E+02
AS 32	SAND10.1060E+030.0000E+00	0.9248E+01	-.3700E+02
AS 33	SAND10.1285E+030.0000E+00	0.1021E+02	-.3700E+02
AS 34	SAND10.1557E+030.0000E+00	0.1126E+02	-.3700E+02
AS 35	SAND10.1885E+030.0000E+00	0.1241E+02	-.3700E+02
AS 36	SAND10.2281E+030.0000E+00	0.1368E+02	-.3700E+02



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AS 37	SAND10.2760E+030.0000E+00	0.1507E+02	-.3700E+02
AS 38	SAND10.3339E+030.0000E+00	0.1660E+02	-.3700E+02
AS 39	SAND10.4038E+030.0000E+00	0.1828E+02	-.3700E+02
AS 40	SAND10.4882E+030.0000E+00	0.2012E+02	-.3700E+02
AS 41	SAND10.5901E+030.0000E+00	0.2215E+02	-.3700E+02
AS 42	SAND10.7131E+030.0000E+00	0.2437E+02	-.3700E+02
AS 43	SAND10.8617E+030.0000E+00	0.2682E+02	-.3700E+02
AS 44	SAND10.1041E+040.0000E+00	0.2950E+02	-.3700E+02
AS 45	SAND10.1257E+040.0000E+00	0.3244E+02	-.3700E+02
AS 46	SAND10.1519E+040.0000E+00	0.3568E+02	-.3700E+02
AS 47	SAND10.1834E+040.0000E+00	0.3923E+02	-.3700E+02
AS 48	SAND10.2214E+040.0000E+00	0.4314E+02	-.3700E+02
AS 49	SAND10.2673E+040.0000E+00	0.4742E+02	-.3700E+02
AS 50	SAND10.3227E+040.0000E+00	0.5213E+02	-.3700E+02
AS 51	SAND10.3895E+040.0000E+00	0.5729E+02	-.3700E+02
AS 52	SAND10.6551E+040.0000E+00	0.6407E+02	-.3700E+02
AS 53	SAND10.1142E+050.0000E+00	0.7426E+02	-.3700E+02
AS 54	SAND10.2072E+050.0000E+00	0.8958E+02	-.3700E+02
AS 55	SAND10.3918E+050.0000E+00	0.1126E+03	-.3700E+02
AS 56	SAND10.7706E+050.0000E+00	0.1473E+03	-.3700E+02
AS 57	SAND10.1569E+060.0000E+00	0.1994E+03	-.3700E+02
AS 58	SAND10.3288E+060.0000E+00	0.2778E+03	-.3700E+02
AS 59	SAND10.7044E+060.0000E+00	0.3957E+03	-.3700E+02
AS 60	SAND10.1534E+070.0000E+00	0.5731E+03	-.3700E+02
AS 61	SAND10.3381E+070.0000E+00	0.8398E+03	-.3700E+02
AS 62	SAND10.1257E+020.0000E+00	0.1000E+04	-.3700E+02
AT 1	wtabl0.1100E-040.1100E-01	0.3500E-01	-.3800E+02
AT 2	wtabl0.3017E-040.3017E-01	0.8746E-01	-.3800E+02
AT 3	wtabl0.5496E-040.5496E-01	0.1451E+00	-.3800E+02
AT 4	wtabl0.8669E-040.8669E-01	0.2083E+00	-.3800E+02
AT 5	wtabl0.1269E-030.1269E+00	0.2778E+00	-.3800E+02
AT 6	wtabl0.1777E-030.1777E+00	0.3541E+00	-.3800E+02
AT 7	wtabl0.2413E-030.2413E+00	0.4379E+00	-.3800E+02
AT 8	wtabl0.3207E-030.3207E+00	0.5299E+00	-.3800E+02
AT 9	wtabl0.4194E-030.4194E+00	0.6310E+00	-.3800E+02
AT 10	wtabl0.5416E-030.5416E+00	0.7420E+00	-.3800E+02
AT 11	wtabl0.6925E-030.6925E+00	0.8639E+00	-.3800E+02
AT 12	wtabl0.8784E-030.8784E+00	0.9977E+00	-.3800E+02
AT 13	wtabl0.1107E-020.1107E+01	0.1145E+01	-.3800E+02
AT 14	wtabl0.1387E-020.1387E+01	0.1306E+01	-.3800E+02
AT 15	wtabl0.1730E-020.1730E+01	0.1483E+01	-.3800E+02
AT 16	wtabl0.2149E-020.2149E+01	0.1678E+01	-.3800E+02
AT 17	wtabl0.2661E-020.2661E+01	0.1892E+01	-.3800E+02
AT 18	wtabl0.3285E-020.3285E+01	0.2127E+01	-.3800E+02
AT 19	wtabl0.4045E-020.4045E+01	0.2385E+01	-.3800E+02
AT 20	wtabl0.4970E-020.4970E+01	0.2668E+01	-.3800E+02
AT 21	wtabl0.6094E-020.6094E+01	0.2979E+01	-.3800E+02
AT 22	wtabl0.7460E-020.7460E+01	0.3321E+01	-.3800E+02
AT 23	wtabl0.9118E-020.9118E+01	0.3696E+01	-.3800E+02
AT 24	wtabl0.1113E-010.1113E+02	0.4108E+01	-.3800E+02
AT 25	wtabl0.1357E-010.1357E+02	0.4560E+01	-.3800E+02
AT 26	wtabl0.1653E-010.1653E+02	0.5057E+01	-.3800E+02
AT 27	wtabl0.2011E-010.2011E+02	0.5603E+01	-.3800E+02
AT 28	wtabl0.2444E-010.2444E+02	0.6202E+01	-.3800E+02
AT 29	wtabl0.2969E-010.2969E+02	0.6860E+01	-.3800E+02

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AT 30	wtabl0.3604E-010.3604E+02	0.7583E+01	-.3800E+02
AT 31	wtabl0.4373E-010.4373E+02	0.8376E+01	-.3800E+02
AT 32	wtabl0.5302E-010.5302E+02	0.9248E+01	-.3800E+02
AT 33	wtabl0.6425E-010.6425E+02	0.1021E+02	-.3800E+02
AT 34	wtabl0.7783E-010.7783E+02	0.1126E+02	-.3800E+02
AT 35	wtabl0.9424E-010.9424E+02	0.1241E+02	-.3800E+02
AT 36	wtabl0.1141E+000.1141E+03	0.1368E+02	-.3800E+02
AT 37	wtabl0.1380E+000.1380E+03	0.1507E+02	-.3800E+02
AT 38	wtabl0.1670E+000.1670E+03	0.1660E+02	-.3800E+02
AT 39	wtabl0.2019E+000.2019E+03	0.1828E+02	-.3800E+02
AT 40	wtabl0.2441E+000.2441E+03	0.2012E+02	-.3800E+02
AT 41	wtabl0.2951E+000.2951E+03	0.2215E+02	-.3800E+02
AT 42	wtabl0.3566E+000.3566E+03	0.2437E+02	-.3800E+02
AT 43	wtabl0.4308E+000.4308E+03	0.2682E+02	-.3800E+02
AT 44	wtabl0.5205E+000.5205E+03	0.2950E+02	-.3800E+02
AT 45	wtabl0.6287E+000.6287E+03	0.3244E+02	-.3800E+02
AT 46	wtabl0.7593E+000.7593E+03	0.3568E+02	-.3800E+02
AT 47	wtabl0.9169E+000.9169E+03	0.3923E+02	-.3800E+02
AT 48	wtabl0.1107E+010.1107E+04	0.4314E+02	-.3800E+02
AT 49	wtabl0.1337E+010.1337E+04	0.4742E+02	-.3800E+02
AT 50	wtabl0.1613E+010.1613E+04	0.5213E+02	-.3800E+02
AT 51	wtabl0.1948E+010.1948E+04	0.5729E+02	-.3800E+02
AT 52	wtabl0.3276E+010.3276E+04	0.6407E+02	-.3800E+02
AT 53	wtabl0.5710E+010.5710E+04	0.7426E+02	-.3800E+02
AT 54	wtabl0.1036E+020.1036E+05	0.8958E+02	-.3800E+02
AT 55	wtabl0.1959E+020.1959E+05	0.1126E+03	-.3800E+02
AT 56	wtabl0.3853E+020.3853E+05	0.1473E+03	-.3800E+02
AT 57	wtabl0.7846E+020.7846E+05	0.1994E+03	-.3800E+02
AT 58	wtabl0.1644E+030.1644E+06	0.2778E+03	-.3800E+02
AT 59	wtabl0.3522E+030.3522E+06	0.3957E+03	-.3800E+02
AT 60	wtabl0.7671E+030.7671E+06	0.5731E+03	-.3800E+02
AT 61	wtabl0.1691E+040.1691E+07	0.8398E+03	-.3800E+02
AT 62	wtabl0.6283E-020.6283E+01	0.1000E+04	-.3800E+02
ina			
A1 1	atmos0.1100E-040.1100E-01	0.3500E-01	-.5000E-03
A1 2	atmos0.3017E-040.3017E-01	0.8746E-01	-.5000E-03
A1 3	atmos0.5496E-040.5496E-01	0.1451E+00	-.5000E-03
A1 4	atmos0.8669E-040.8669E-01	0.2083E+00	-.5000E-03
A1 5	atmos0.1269E-030.1269E+00	0.2778E+00	-.5000E-03
A1 6	atmos0.1777E-030.1777E+00	0.3541E+00	-.5000E-03
A1 7	atmos0.2413E-030.2413E+00	0.4379E+00	-.5000E-03
A1 8	atmos0.3207E-030.3207E+00	0.5299E+00	-.5000E-03
A1 9	atmos0.4194E-030.4194E+00	0.6310E+00	-.5000E-03
A1 10	atmos0.5416E-030.5416E+00	0.7420E+00	-.5000E-03
A1 11	atmos0.6925E-030.6925E+00	0.8639E+00	-.5000E-03
A1 12	atmos0.8784E-030.8784E+00	0.9977E+00	-.5000E-03
A1 13	atmos0.1107E-020.1107E+01	0.1145E+01	-.5000E-03
A1 14	atmos0.1387E-020.1387E+01	0.1306E+01	-.5000E-03
A1 15	atmos0.1730E-020.1730E+01	0.1483E+01	-.5000E-03
A1 16	atmos0.2149E-020.2149E+01	0.1678E+01	-.5000E-03
A1 17	atmos0.2661E-020.2661E+01	0.1892E+01	-.5000E-03
A1 18	atmos0.3285E-020.3285E+01	0.2127E+01	-.5000E-03
A1 19	atmos0.4045E-020.4045E+01	0.2385E+01	-.5000E-03
A1 20	atmos0.4970E-020.4970E+01	0.2668E+01	-.5000E-03
A1 21	atmos0.6094E-020.6094E+01	0.2979E+01	-.5000E-03

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A1 22	atmos0.7460E-020.7460E+01	0.3321E+01	-.5000E-03
A1 23	atmos0.9118E-020.9118E+01	0.3696E+01	-.5000E-03
A1 24	atmos0.1113E-010.1113E+02	0.4108E+01	-.5000E-03
A1 25	atmos0.1357E-010.1357E+02	0.4560E+01	-.5000E-03
A1 26	atmos0.1653E-010.1653E+02	0.5057E+01	-.5000E-03
A1 27	atmos0.2011E-010.2011E+02	0.5603E+01	-.5000E-03
A1 28	atmos0.2444E-010.2444E+02	0.6202E+01	-.5000E-03
A1 29	atmos0.2969E-010.2969E+02	0.6860E+01	-.5000E-03
A1 30	atmos0.3604E-010.3604E+02	0.7583E+01	-.5000E-03
A1 31	atmos0.4373E-010.4373E+02	0.8376E+01	-.5000E-03
A1 32	atmos0.5302E-010.5302E+02	0.9248E+01	-.5000E-03
A1 33	atmos0.6425E-010.6425E+02	0.1021E+02	-.5000E-03
A1 34	atmos0.7783E-010.7783E+02	0.1126E+02	-.5000E-03
A1 35	atmos0.9424E-010.9424E+02	0.1241E+02	-.5000E-03
A1 36	atmos0.1141E+000.1141E+03	0.1368E+02	-.5000E-03
A1 37	atmos0.1380E+000.1380E+03	0.1507E+02	-.5000E-03
A1 38	atmos0.1670E+000.1670E+03	0.1660E+02	-.5000E-03
A1 39	atmos0.2019E+000.2019E+03	0.1828E+02	-.5000E-03
A1 40	atmos0.2441E+000.2441E+03	0.2012E+02	-.5000E-03
A1 41	atmos0.2951E+000.2951E+03	0.2215E+02	-.5000E-03
A1 42	atmos0.3566E+000.3566E+03	0.2437E+02	-.5000E-03
A1 43	atmos0.4308E+000.4308E+03	0.2682E+02	-.5000E-03
A1 44	atmos0.5205E+000.5205E+03	0.2950E+02	-.5000E-03
A1 45	atmos0.6287E+000.6287E+03	0.3244E+02	-.5000E-03
A1 46	atmos0.7593E+000.7593E+03	0.3568E+02	-.5000E-03
A1 47	atmos0.9169E+000.9169E+03	0.3923E+02	-.5000E-03
A1 48	atmos0.1107E+010.1107E+04	0.4314E+02	-.5000E-03
A1 49	atmos0.1337E+010.1337E+04	0.4742E+02	-.5000E-03
A1 50	atmos0.1613E+010.1613E+04	0.5213E+02	-.5000E-03
A1 51	atmos0.1948E+010.1948E+04	0.5729E+02	-.5000E-03
A1 52	atmos0.3276E+010.3276E+04	0.6407E+02	-.5000E-03
A1 53	atmos0.5710E+010.5710E+04	0.7426E+02	-.5000E-03
A1 54	atmos0.1036E+020.1036E+05	0.8958E+02	-.5000E-03
A1 55	atmos0.1959E+020.1959E+05	0.1126E+03	-.5000E-03
A1 56	atmos0.3853E+020.3853E+05	0.1473E+03	-.5000E-03
A1 57	atmos0.7846E+020.7846E+05	0.1994E+03	-.5000E-03
A1 58	atmos0.1644E+030.1644E+06	0.2778E+03	-.5000E-03
A1 59	atmos0.3522E+030.3522E+06	0.3957E+03	-.5000E-03
A1 60	atmos0.7671E+030.7671E+06	0.5731E+03	-.5000E-03
A1 61	atmos0.1691E+040.1691E+07	0.8398E+03	-.5000E-03
A1 62	atmos0.6283E-020.6283E+01	0.1000E+04	-.5000E-03

CONNE

A1 1A1 2	10.2500E-010.2746E-010.3770E-03
A2 1A2 2	10.2500E-010.2746E-010.3770E+00
A3 1A3 2	10.2500E-010.2746E-010.3770E+00
A4 1A4 2	10.2500E-010.2746E-010.3770E+00
A5 1A5 2	10.2500E-010.2746E-010.3770E+00
A6 1A6 2	10.2500E-010.2746E-010.3770E+00
A7 1A7 2	10.2500E-010.2746E-010.3770E+00
A8 1A8 2	10.2500E-010.2746E-010.3770E+00
A9 1A9 2	10.2500E-010.2746E-010.3770E+00
AA 1AA 2	10.2500E-010.2746E-010.3770E+00
AB 1AB 2	10.2500E-010.2746E-010.3770E+00
AC 1AC 2	10.2500E-010.2746E-010.3770E+00

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AD	1AD	2	10.2500E-010.2746E-010.3770E+00
AE	1AE	2	10.2500E-010.2746E-010.3770E+00
AF	1AF	2	10.2500E-010.2746E-010.3770E+00
AG	1AG	2	10.2500E-010.2746E-010.3770E+00
AH	1AH	2	10.2500E-010.2746E-010.3770E+00
AI	1AI	2	10.2500E-010.2746E-010.7540E+00
AJ	1AJ	2	10.2500E-010.2746E-010.7540E+00
AK	1AK	2	10.2500E-010.2746E-010.7540E+00
AL	1AL	2	10.2500E-010.2746E-010.7540E+00
AM	1AM	2	10.2500E-010.2746E-010.7540E+00
AN	1AN	2	10.2500E-010.2746E-010.7540E+00
AO	1AO	2	10.2500E-010.2746E-010.7540E+00
AP	1AP	2	10.2500E-010.2746E-010.7540E+00
AQ	1AQ	2	10.2500E-010.2746E-010.7540E+00
AR	1AR	2	10.2500E-010.2746E-010.7540E+00
AS	1AS	2	10.2500E-010.2746E-010.7540E+00
AT	1AT	2	10.2500E-010.2746E-010.3770E-03
A1	2A1	3	10.2746E-010.3015E-010.7220E-03
A2	2A2	3	10.2746E-010.3015E-010.7220E+00
A3	2A3	3	10.2746E-010.3015E-010.7220E+00
A4	2A4	3	10.2746E-010.3015E-010.7220E+00
A5	2A5	3	10.2746E-010.3015E-010.7220E+00
A6	2A6	3	10.2746E-010.3015E-010.7220E+00
A7	2A7	3	10.2746E-010.3015E-010.7220E+00
A8	2A8	3	10.2746E-010.3015E-010.7220E+00
A9	2A9	3	10.2746E-010.3015E-010.7220E+00
AA	2AA	3	10.2746E-010.3015E-010.7220E+00
AB	2AB	3	10.2746E-010.3015E-010.7220E+00
AC	2AC	3	10.2746E-010.3015E-010.7220E+00
AD	2AD	3	10.2746E-010.3015E-010.7220E+00
AE	2AE	3	10.2746E-010.3015E-010.7220E+00
AF	2AF	3	10.2746E-010.3015E-010.7220E+00
AG	2AG	3	10.2746E-010.3015E-010.7220E+00
AH	2AH	3	10.2746E-010.3015E-010.7220E+00
AI	2AI	3	10.2746E-010.3015E-010.1444E+01
AJ	2AJ	3	10.2746E-010.3015E-010.1444E+01
AK	2AK	3	10.2746E-010.3015E-010.1444E+01
AL	2AL	3	10.2746E-010.3015E-010.1444E+01
AM	2AM	3	10.2746E-010.3015E-010.1444E+01
AN	2AN	3	10.2746E-010.3015E-010.1444E+01
AO	2AO	3	10.2746E-010.3015E-010.1444E+01
AP	2AP	3	10.2746E-010.3015E-010.1444E+01
AQ	2AQ	3	10.2746E-010.3015E-010.1444E+01
AR	2AR	3	10.2746E-010.3015E-010.1444E+01
AS	2AS	3	10.2746E-010.3015E-010.1444E+01
AT	2AT	3	10.2746E-010.3015E-010.7220E-03
A1	3A1	4	10.3015E-010.3311E-010.1101E-02
A2	3A2	4	10.3015E-010.3311E-010.1101E+01
A3	3A3	4	10.3015E-010.3311E-010.1101E+01
A4	3A4	4	10.3015E-010.3311E-010.1101E+01
A5	3A5	4	10.3015E-010.3311E-010.1101E+01
A6	3A6	4	10.3015E-010.3311E-010.1101E+01
A7	3A7	4	10.3015E-010.3311E-010.1101E+01
A8	3A8	4	10.3015E-010.3311E-010.1101E+01
A9	3A9	4	10.3015E-010.3311E-010.1101E+01

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AA	3AA	4	10.3015E-010.3311E-010.1101E+01
AB	3AB	4	10.3015E-010.3311E-010.1101E+01
AC	3AC	4	10.3015E-010.3311E-010.1101E+01
AD	3AD	4	10.3015E-010.3311E-010.1101E+01
AE	3AE	4	10.3015E-010.3311E-010.1101E+01
AF	3AF	4	10.3015E-010.3311E-010.1101E+01
AG	3AG	4	10.3015E-010.3311E-010.1101E+01
AH	3AH	4	10.3015E-010.3311E-010.1101E+01
AI	3AI	4	10.3015E-010.3311E-010.2202E+01
AJ	3AJ	4	10.3015E-010.3311E-010.2202E+01
AK	3AK	4	10.3015E-010.3311E-010.2202E+01
AL	3AL	4	10.3015E-010.3311E-010.2202E+01
AM	3AM	4	10.3015E-010.3311E-010.2202E+01
AN	3AN	4	10.3015E-010.3311E-010.2202E+01
AO	3AO	4	10.3015E-010.3311E-010.2202E+01
AP	3AP	4	10.3015E-010.3311E-010.2202E+01
AQ	3AQ	4	10.3015E-010.3311E-010.2202E+01
AR	3AR	4	10.3015E-010.3311E-010.2202E+01
AS	3AS	4	10.3015E-010.3311E-010.2202E+01
AT	3AT	4	10.3015E-010.3311E-010.1101E-02
A1	4A1	5	10.3311E-010.3636E-010.1517E-02
A2	4A2	5	10.3311E-010.3636E-010.1517E+01
A3	4A3	5	10.3311E-010.3636E-010.1517E+01
A4	4A4	5	10.3311E-010.3636E-010.1517E+01
A5	4A5	5	10.3311E-010.3636E-010.1517E+01
A6	4A6	5	10.3311E-010.3636E-010.1517E+01
A7	4A7	5	10.3311E-010.3636E-010.1517E+01
A8	4A8	5	10.3311E-010.3636E-010.1517E+01
A9	4A9	5	10.3311E-010.3636E-010.1517E+01
AA	4AA	5	10.3311E-010.3636E-010.1517E+01
AB	4AB	5	10.3311E-010.3636E-010.1517E+01
AC	4AC	5	10.3311E-010.3636E-010.1517E+01
AD	4AD	5	10.3311E-010.3636E-010.1517E+01
AE	4AE	5	10.3311E-010.3636E-010.1517E+01
AF	4AF	5	10.3311E-010.3636E-010.1517E+01
AG	4AG	5	10.3311E-010.3636E-010.1517E+01
AH	4AH	5	10.3311E-010.3636E-010.1517E+01
AI	4AI	5	10.3311E-010.3636E-010.3034E+01
AJ	4AJ	5	10.3311E-010.3636E-010.3034E+01
AK	4AK	5	10.3311E-010.3636E-010.3034E+01
AL	4AL	5	10.3311E-010.3636E-010.3034E+01
AM	4AM	5	10.3311E-010.3636E-010.3034E+01
AN	4AN	5	10.3311E-010.3636E-010.3034E+01
AO	4AO	5	10.3311E-010.3636E-010.3034E+01
AP	4AP	5	10.3311E-010.3636E-010.3034E+01
AQ	4AQ	5	10.3311E-010.3636E-010.3034E+01
AR	4AR	5	10.3311E-010.3636E-010.3034E+01
AS	4AS	5	10.3311E-010.3636E-010.3034E+01
AT	4AT	5	10.3311E-010.3636E-010.1517E-02
A1	5A1	6	10.3636E-010.3994E-010.1974E-02
A2	5A2	6	10.3636E-010.3994E-010.1974E+01
A3	5A3	6	10.3636E-010.3994E-010.1974E+01
A4	5A4	6	10.3636E-010.3994E-010.1974E+01
A5	5A5	6	10.3636E-010.3994E-010.1974E+01
A6	5A6	6	10.3636E-010.3994E-010.1974E+01

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A7	5A7	6	10.3636E-010.3994E-010.1974E+01
A8	5A8	6	10.3636E-010.3994E-010.1974E+01
A9	5A9	6	10.3636E-010.3994E-010.1974E+01
AA	5AA	6	10.3636E-010.3994E-010.1974E+01
AB	5AB	6	10.3636E-010.3994E-010.1974E+01
AC	5AC	6	10.3636E-010.3994E-010.1974E+01
AD	5AD	6	10.3636E-010.3994E-010.1974E+01
AE	5AE	6	10.3636E-010.3994E-010.1974E+01
AF	5AF	6	10.3636E-010.3994E-010.1974E+01
AG	5AG	6	10.3636E-010.3994E-010.1974E+01
AH	5AH	6	10.3636E-010.3994E-010.1974E+01
AI	5AI	6	10.3636E-010.3994E-010.3948E+01
AJ	5AJ	6	10.3636E-010.3994E-010.3948E+01
AK	5AK	6	10.3636E-010.3994E-010.3948E+01
AL	5AL	6	10.3636E-010.3994E-010.3948E+01
AM	5AM	6	10.3636E-010.3994E-010.3948E+01
AN	5AN	6	10.3636E-010.3994E-010.3948E+01
AO	5AO	6	10.3636E-010.3994E-010.3948E+01
AP	5AP	6	10.3636E-010.3994E-010.3948E+01
AQ	5AQ	6	10.3636E-010.3994E-010.3948E+01
AR	5AR	6	10.3636E-010.3994E-010.3948E+01
AS	5AS	6	10.3636E-010.3994E-010.3948E+01
AT	5AT	6	10.3636E-010.3994E-010.1974E-02
A1	6A1	7	10.3994E-010.4386E-010.2476E-02
A2	6A2	7	10.3994E-010.4386E-010.2476E+01
A3	6A3	7	10.3994E-010.4386E-010.2476E+01
A4	6A4	7	10.3994E-010.4386E-010.2476E+01
A5	6A5	7	10.3994E-010.4386E-010.2476E+01
A6	6A6	7	10.3994E-010.4386E-010.2476E+01
A7	6A7	7	10.3994E-010.4386E-010.2476E+01
A8	6A8	7	10.3994E-010.4386E-010.2476E+01
A9	6A9	7	10.3994E-010.4386E-010.2476E+01
AA	6AA	7	10.3994E-010.4386E-010.2476E+01
AB	6AB	7	10.3994E-010.4386E-010.2476E+01
AC	6AC	7	10.3994E-010.4386E-010.2476E+01
AD	6AD	7	10.3994E-010.4386E-010.2476E+01
AE	6AE	7	10.3994E-010.4386E-010.2476E+01
AF	6AF	7	10.3994E-010.4386E-010.2476E+01
AG	6AG	7	10.3994E-010.4386E-010.2476E+01
AH	6AH	7	10.3994E-010.4386E-010.2476E+01
AI	6AI	7	10.3994E-010.4386E-010.4952E+01
AJ	6AJ	7	10.3994E-010.4386E-010.4952E+01
AK	6AK	7	10.3994E-010.4386E-010.4952E+01
AL	6AL	7	10.3994E-010.4386E-010.4952E+01
AM	6AM	7	10.3994E-010.4386E-010.4952E+01
AN	6AN	7	10.3994E-010.4386E-010.4952E+01
AO	6AO	7	10.3994E-010.4386E-010.4952E+01
AP	6AP	7	10.3994E-010.4386E-010.4952E+01
AQ	6AQ	7	10.3994E-010.4386E-010.4952E+01
AR	6AR	7	10.3994E-010.4386E-010.4952E+01
AS	6AS	7	10.3994E-010.4386E-010.4952E+01
AT	6AT	7	10.3994E-010.4386E-010.2476E-02
A1	7A1	8	10.4386E-010.4817E-010.3027E-02
A2	7A2	8	10.4386E-010.4817E-010.3027E+01
A3	7A3	8	10.4386E-010.4817E-010.3027E+01

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A4	7A4	8	10.4386E-010.4817E-010.3027E+01
A5	7A5	8	10.4386E-010.4817E-010.3027E+01
A6	7A6	8	10.4386E-010.4817E-010.3027E+01
A7	7A7	8	10.4386E-010.4817E-010.3027E+01
A8	7A8	8	10.4386E-010.4817E-010.3027E+01
A9	7A9	8	10.4386E-010.4817E-010.3027E+01
AA	7AA	8	10.4386E-010.4817E-010.3027E+01
AB	7AB	8	10.4386E-010.4817E-010.3027E+01
AC	7AC	8	10.4386E-010.4817E-010.3027E+01
AD	7AD	8	10.4386E-010.4817E-010.3027E+01
AE	7AE	8	10.4386E-010.4817E-010.3027E+01
AF	7AF	8	10.4386E-010.4817E-010.3027E+01
AG	7AG	8	10.4386E-010.4817E-010.3027E+01
AH	7AH	8	10.4386E-010.4817E-010.3027E+01
AI	7AI	8	10.4386E-010.4817E-010.6054E+01
AJ	7AJ	8	10.4386E-010.4817E-010.6054E+01
AK	7AK	8	10.4386E-010.4817E-010.6054E+01
AL	7AL	8	10.4386E-010.4817E-010.6054E+01
AM	7AM	8	10.4386E-010.4817E-010.6054E+01
AN	7AN	8	10.4386E-010.4817E-010.6054E+01
AO	7AO	8	10.4386E-010.4817E-010.6054E+01
AP	7AP	8	10.4386E-010.4817E-010.6054E+01
AQ	7AQ	8	10.4386E-010.4817E-010.6054E+01
AR	7AR	8	10.4386E-010.4817E-010.6054E+01
AS	7AS	8	10.4386E-010.4817E-010.6054E+01
AT	7AT	8	10.4386E-010.4817E-010.3027E-02
A1	8A1	9	10.4817E-010.5290E-010.3632E-02
A2	8A2	9	10.4817E-010.5290E-010.3632E+01
A3	8A3	9	10.4817E-010.5290E-010.3632E+01
A4	8A4	9	10.4817E-010.5290E-010.3632E+01
A5	8A5	9	10.4817E-010.5290E-010.3632E+01
A6	8A6	9	10.4817E-010.5290E-010.3632E+01
A7	8A7	9	10.4817E-010.5290E-010.3632E+01
A8	8A8	9	10.4817E-010.5290E-010.3632E+01
A9	8A9	9	10.4817E-010.5290E-010.3632E+01
AA	8AA	9	10.4817E-010.5290E-010.3632E+01
AB	8AB	9	10.4817E-010.5290E-010.3632E+01
AC	8AC	9	10.4817E-010.5290E-010.3632E+01
AD	8AD	9	10.4817E-010.5290E-010.3632E+01
AE	8AE	9	10.4817E-010.5290E-010.3632E+01
AF	8AF	9	10.4817E-010.5290E-010.3632E+01
AG	8AG	9	10.4817E-010.5290E-010.3632E+01
AH	8AH	9	10.4817E-010.5290E-010.3632E+01
AI	8AI	9	10.4817E-010.5290E-010.7264E+01
AJ	8AJ	9	10.4817E-010.5290E-010.7264E+01
AK	8AK	9	10.4817E-010.5290E-010.7264E+01
AL	8AL	9	10.4817E-010.5290E-010.7264E+01
AM	8AM	9	10.4817E-010.5290E-010.7264E+01
AN	8AN	9	10.4817E-010.5290E-010.7264E+01
AO	8AO	9	10.4817E-010.5290E-010.7264E+01
AP	8AP	9	10.4817E-010.5290E-010.7264E+01
AQ	8AQ	9	10.4817E-010.5290E-010.7264E+01
AR	8AR	9	10.4817E-010.5290E-010.7264E+01
AS	8AS	9	10.4817E-010.5290E-010.7264E+01
AT	8AT	9	10.4817E-010.5290E-010.3632E-02

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A1	9A1	10	10.5290E-010.5809E-010.4297E-02
A2	9A2	10	10.5290E-010.5809E-010.4297E+01
A3	9A3	10	10.5290E-010.5809E-010.4297E+01
A4	9A4	10	10.5290E-010.5809E-010.4297E+01
A5	9A5	10	10.5290E-010.5809E-010.4297E+01
A6	9A6	10	10.5290E-010.5809E-010.4297E+01
A7	9A7	10	10.5290E-010.5809E-010.4297E+01
A8	9A8	10	10.5290E-010.5809E-010.4297E+01
A9	9A9	10	10.5290E-010.5809E-010.4297E+01
AA	9AA	10	10.5290E-010.5809E-010.4297E+01
AB	9AB	10	10.5290E-010.5809E-010.4297E+01
AC	9AC	10	10.5290E-010.5809E-010.4297E+01
AD	9AD	10	10.5290E-010.5809E-010.4297E+01
AE	9AE	10	10.5290E-010.5809E-010.4297E+01
AF	9AF	10	10.5290E-010.5809E-010.4297E+01
AG	9AG	10	10.5290E-010.5809E-010.4297E+01
AH	9AH	10	10.5290E-010.5809E-010.4297E+01
AI	9AI	10	10.5290E-010.5809E-010.8594E+01
AJ	9AJ	10	10.5290E-010.5809E-010.8594E+01
AK	9AK	10	10.5290E-010.5809E-010.8594E+01
AL	9AL	10	10.5290E-010.5809E-010.8594E+01
AM	9AM	10	10.5290E-010.5809E-010.8594E+01
AN	9AN	10	10.5290E-010.5809E-010.8594E+01
AO	9AO	10	10.5290E-010.5809E-010.8594E+01
AP	9AP	10	10.5290E-010.5809E-010.8594E+01
AQ	9AQ	10	10.5290E-010.5809E-010.8594E+01
AR	9AR	10	10.5290E-010.5809E-010.8594E+01
AS	9AS	10	10.5290E-010.5809E-010.8594E+01
AT	9AT	10	10.5290E-010.5809E-010.4297E-02
A1	10A1	11	10.5809E-010.6380E-010.5027E-02
A2	10A2	11	10.5809E-010.6380E-010.5027E+01
A3	10A3	11	10.5809E-010.6380E-010.5027E+01
A4	10A4	11	10.5809E-010.6380E-010.5027E+01
A5	10A5	11	10.5809E-010.6380E-010.5027E+01
A6	10A6	11	10.5809E-010.6380E-010.5027E+01
A7	10A7	11	10.5809E-010.6380E-010.5027E+01
A8	10A8	11	10.5809E-010.6380E-010.5027E+01
A9	10A9	11	10.5809E-010.6380E-010.5027E+01
AA	10AA	11	10.5809E-010.6380E-010.5027E+01
AB	10AB	11	10.5809E-010.6380E-010.5027E+01
AC	10AC	11	10.5809E-010.6380E-010.5027E+01
AD	10AD	11	10.5809E-010.6380E-010.5027E+01
AE	10AE	11	10.5809E-010.6380E-010.5027E+01
AF	10AF	11	10.5809E-010.6380E-010.5027E+01
AG	10AG	11	10.5809E-010.6380E-010.5027E+01
AH	10AH	11	10.5809E-010.6380E-010.5027E+01
AI	10AI	11	10.5809E-010.6380E-010.1005E+02
AJ	10AJ	11	10.5809E-010.6380E-010.1005E+02
AK	10AK	11	10.5809E-010.6380E-010.1005E+02
AL	10AL	11	10.5809E-010.6380E-010.1005E+02
AM	10AM	11	10.5809E-010.6380E-010.1005E+02
AN	10AN	11	10.5809E-010.6380E-010.1005E+02
AO	10AO	11	10.5809E-010.6380E-010.1005E+02
AP	10AP	11	10.5809E-010.6380E-010.1005E+02
AQ	10AQ	11	10.5809E-010.6380E-010.1005E+02



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AR 10AR 11	10.5809E-010.6380E-010.1005E+02
AS 10AS 11	10.5809E-010.6380E-010.1005E+02
AT 10AT 11	10.5809E-010.6380E-010.5027E-02
A1 11A1 12	10.6380E-010.7006E-010.5829E-02
A2 11A2 12	10.6380E-010.7006E-010.5829E+01
A3 11A3 12	10.6380E-010.7006E-010.5829E+01
A4 11A4 12	10.6380E-010.7006E-010.5829E+01
A5 11A5 12	10.6380E-010.7006E-010.5829E+01
A6 11A6 12	10.6380E-010.7006E-010.5829E+01
A7 11A7 12	10.6380E-010.7006E-010.5829E+01
A8 11A8 12	10.6380E-010.7006E-010.5829E+01
A9 11A9 12	10.6380E-010.7006E-010.5829E+01
AA 11AA 12	10.6380E-010.7006E-010.5829E+01
AB 11AB 12	10.6380E-010.7006E-010.5829E+01
AC 11AC 12	10.6380E-010.7006E-010.5829E+01
AD 11AD 12	10.6380E-010.7006E-010.5829E+01
AE 11AE 12	10.6380E-010.7006E-010.5829E+01
AF 11AF 12	10.6380E-010.7006E-010.5829E+01
AG 11AG 12	10.6380E-010.7006E-010.5829E+01
AH 11AH 12	10.6380E-010.7006E-010.5829E+01
AI 11AI 12	10.6380E-010.7006E-010.1166E+02
AJ 11AJ 12	10.6380E-010.7006E-010.1166E+02
AK 11AK 12	10.6380E-010.7006E-010.1166E+02
AL 11AL 12	10.6380E-010.7006E-010.1166E+02
AM 11AM 12	10.6380E-010.7006E-010.1166E+02
AN 11AN 12	10.6380E-010.7006E-010.1166E+02
AO 11AO 12	10.6380E-010.7006E-010.1166E+02
AP 11AP 12	10.6380E-010.7006E-010.1166E+02
AQ 11AQ 12	10.6380E-010.7006E-010.1166E+02
AR 11AR 12	10.6380E-010.7006E-010.1166E+02
AS 11AS 12	10.6380E-010.7006E-010.1166E+02
AT 11AT 12	10.6380E-010.7006E-010.5829E-02
A1 12A1 13	10.7006E-010.7694E-010.6709E-02
A2 12A2 13	10.7006E-010.7694E-010.6709E+01
A3 12A3 13	10.7006E-010.7694E-010.6709E+01
A4 12A4 13	10.7006E-010.7694E-010.6709E+01
A5 12A5 13	10.7006E-010.7694E-010.6709E+01
A6 12A6 13	10.7006E-010.7694E-010.6709E+01
A7 12A7 13	10.7006E-010.7694E-010.6709E+01
A8 12A8 13	10.7006E-010.7694E-010.6709E+01
A9 12A9 13	10.7006E-010.7694E-010.6709E+01
AA 12AA 13	10.7006E-010.7694E-010.6709E+01
AB 12AB 13	10.7006E-010.7694E-010.6709E+01
AC 12AC 13	10.7006E-010.7694E-010.6709E+01
AD 12AD 13	10.7006E-010.7694E-010.6709E+01
AE 12AE 13	10.7006E-010.7694E-010.6709E+01
AF 12AF 13	10.7006E-010.7694E-010.6709E+01
AG 12AG 13	10.7006E-010.7694E-010.6709E+01
AH 12AH 13	10.7006E-010.7694E-010.6709E+01
AI 12AI 13	10.7006E-010.7694E-010.1342E+02
AJ 12AJ 13	10.7006E-010.7694E-010.1342E+02
AK 12AK 13	10.7006E-010.7694E-010.1342E+02
AL 12AL 13	10.7006E-010.7694E-010.1342E+02
AM 12AM 13	10.7006E-010.7694E-010.1342E+02
AN 12AN 13	10.7006E-010.7694E-010.1342E+02

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AO 12AO 13	10.7006E-010.7694E-010.1342E+02
AP 12AP 13	10.7006E-010.7694E-010.1342E+02
AQ 12AQ 13	10.7006E-010.7694E-010.1342E+02
AR 12AR 13	10.7006E-010.7694E-010.1342E+02
AS 12AS 13	10.7006E-010.7694E-010.1342E+02
AT 12AT 13	10.7006E-010.7694E-010.6709E-02
A1 13A1 14	10.7694E-010.8450E-010.7676E-02
A2 13A2 14	10.7694E-010.8450E-010.7676E+01
A3 13A3 14	10.7694E-010.8450E-010.7676E+01
A4 13A4 14	10.7694E-010.8450E-010.7676E+01
A5 13A5 14	10.7694E-010.8450E-010.7676E+01
A6 13A6 14	10.7694E-010.8450E-010.7676E+01
A7 13A7 14	10.7694E-010.8450E-010.7676E+01
A8 13A8 14	10.7694E-010.8450E-010.7676E+01
A9 13A9 14	10.7694E-010.8450E-010.7676E+01
AA 13AA 14	10.7694E-010.8450E-010.7676E+01
AB 13AB 14	10.7694E-010.8450E-010.7676E+01
AC 13AC 14	10.7694E-010.8450E-010.7676E+01
AD 13AD 14	10.7694E-010.8450E-010.7676E+01
AE 13AE 14	10.7694E-010.8450E-010.7676E+01
AF 13AF 14	10.7694E-010.8450E-010.7676E+01
AG 13AG 14	10.7694E-010.8450E-010.7676E+01
AH 13AH 14	10.7694E-010.8450E-010.7676E+01
AI 13AI 14	10.7694E-010.8450E-010.1535E+02
AJ 13AJ 14	10.7694E-010.8450E-010.1535E+02
AK 13AK 14	10.7694E-010.8450E-010.1535E+02
AL 13AL 14	10.7694E-010.8450E-010.1535E+02
AM 13AM 14	10.7694E-010.8450E-010.1535E+02
AN 13AN 14	10.7694E-010.8450E-010.1535E+02
AO 13AO 14	10.7694E-010.8450E-010.1535E+02
AP 13AP 14	10.7694E-010.8450E-010.1535E+02
AQ 13AQ 14	10.7694E-010.8450E-010.1535E+02
AR 13AR 14	10.7694E-010.8450E-010.1535E+02
AS 13AS 14	10.7694E-010.8450E-010.1535E+02
AT 13AT 14	10.7694E-010.8450E-010.7676E-02
A1 14A1 15	10.8450E-010.9280E-010.8738E-02
A2 14A2 15	10.8450E-010.9280E-010.8738E+01
A3 14A3 15	10.8450E-010.9280E-010.8738E+01
A4 14A4 15	10.8450E-010.9280E-010.8738E+01
A5 14A5 15	10.8450E-010.9280E-010.8738E+01
A6 14A6 15	10.8450E-010.9280E-010.8738E+01
A7 14A7 15	10.8450E-010.9280E-010.8738E+01
A8 14A8 15	10.8450E-010.9280E-010.8738E+01
A9 14A9 15	10.8450E-010.9280E-010.8738E+01
AA 14AA 15	10.8450E-010.9280E-010.8738E+01
AB 14AB 15	10.8450E-010.9280E-010.8738E+01
AC 14AC 15	10.8450E-010.9280E-010.8738E+01
AD 14AD 15	10.8450E-010.9280E-010.8738E+01
AE 14AE 15	10.8450E-010.9280E-010.8738E+01
AF 14AF 15	10.8450E-010.9280E-010.8738E+01
AG 14AG 15	10.8450E-010.9280E-010.8738E+01
AH 14AH 15	10.8450E-010.9280E-010.8738E+01
AI 14AI 15	10.8450E-010.9280E-010.1748E+02
AJ 14AJ 15	10.8450E-010.9280E-010.1748E+02
AK 14AK 15	10.8450E-010.9280E-010.1748E+02

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AL 14AL 15	10.8450E-010.9280E-010.1748E+02
AM 14AM 15	10.8450E-010.9280E-010.1748E+02
AN 14AN 15	10.8450E-010.9280E-010.1748E+02
AO 14AO 15	10.8450E-010.9280E-010.1748E+02
AP 14AP 15	10.8450E-010.9280E-010.1748E+02
AQ 14AQ 15	10.8450E-010.9280E-010.1748E+02
AR 14AR 15	10.8450E-010.9280E-010.1748E+02
AS 14AS 15	10.8450E-010.9280E-010.1748E+02
AT 14AT 15	10.8450E-010.9280E-010.8738E-02
A1 15A1 16	10.9280E-010.1019E+000.9904E-02
A2 15A2 16	10.9280E-010.1019E+000.9904E+01
A3 15A3 16	10.9280E-010.1019E+000.9904E+01
A4 15A4 16	10.9280E-010.1019E+000.9904E+01
A5 15A5 16	10.9280E-010.1019E+000.9904E+01
A6 15A6 16	10.9280E-010.1019E+000.9904E+01
A7 15A7 16	10.9280E-010.1019E+000.9904E+01
A8 15A8 16	10.9280E-010.1019E+000.9904E+01
A9 15A9 16	10.9280E-010.1019E+000.9904E+01
AA 15AA 16	10.9280E-010.1019E+000.9904E+01
AB 15AB 16	10.9280E-010.1019E+000.9904E+01
AC 15AC 16	10.9280E-010.1019E+000.9904E+01
AD 15AD 16	10.9280E-010.1019E+000.9904E+01
AE 15AE 16	10.9280E-010.1019E+000.9904E+01
AF 15AF 16	10.9280E-010.1019E+000.9904E+01
AG 15AG 16	10.9280E-010.1019E+000.9904E+01
AH 15AH 16	10.9280E-010.1019E+000.9904E+01
AI 15AI 16	10.9280E-010.1019E+000.1981E+02
AJ 15AJ 16	10.9280E-010.1019E+000.1981E+02
AK 15AK 16	10.9280E-010.1019E+000.1981E+02
AL 15AL 16	10.9280E-010.1019E+000.1981E+02
AM 15AM 16	10.9280E-010.1019E+000.1981E+02
AN 15AN 16	10.9280E-010.1019E+000.1981E+02
AO 15AO 16	10.9280E-010.1019E+000.1981E+02
AP 15AP 16	10.9280E-010.1019E+000.1981E+02
AQ 15AQ 16	10.9280E-010.1019E+000.1981E+02
AR 15AR 16	10.9280E-010.1019E+000.1981E+02
AS 15AS 16	10.9280E-010.1019E+000.1981E+02
AT 15AT 16	10.9280E-010.1019E+000.9904E-02
A1 16A1 17	10.1019E+000.1119E+000.1118E-01
A2 16A2 17	10.1019E+000.1119E+000.1118E+02
A3 16A3 17	10.1019E+000.1119E+000.1118E+02
A4 16A4 17	10.1019E+000.1119E+000.1118E+02
A5 16A5 17	10.1019E+000.1119E+000.1118E+02
A6 16A6 17	10.1019E+000.1119E+000.1118E+02
A7 16A7 17	10.1019E+000.1119E+000.1118E+02
A8 16A8 17	10.1019E+000.1119E+000.1118E+02
A9 16A9 17	10.1019E+000.1119E+000.1118E+02
AA 16AA 17	10.1019E+000.1119E+000.1118E+02
AB 16AB 17	10.1019E+000.1119E+000.1118E+02
AC 16AC 17	10.1019E+000.1119E+000.1118E+02
AD 16AD 17	10.1019E+000.1119E+000.1118E+02
AE 16AE 17	10.1019E+000.1119E+000.1118E+02
AF 16AF 17	10.1019E+000.1119E+000.1118E+02
AG 16AG 17	10.1019E+000.1119E+000.1118E+02
AH 16AH 17	10.1019E+000.1119E+000.1118E+02

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AI 16AI 17	10.1019E+000.1119E+000.2237E+02
AJ 16AJ 17	10.1019E+000.1119E+000.2237E+02
AK 16AK 17	10.1019E+000.1119E+000.2237E+02
AL 16AL 17	10.1019E+000.1119E+000.2237E+02
AM 16AM 17	10.1019E+000.1119E+000.2237E+02
AN 16AN 17	10.1019E+000.1119E+000.2237E+02
AO 16AO 17	10.1019E+000.1119E+000.2237E+02
AP 16AP 17	10.1019E+000.1119E+000.2237E+02
AQ 16AQ 17	10.1019E+000.1119E+000.2237E+02
AR 16AR 17	10.1019E+000.1119E+000.2237E+02
AS 16AS 17	10.1019E+000.1119E+000.2237E+02
AT 16AT 17	10.1019E+000.1119E+000.1118E-01
A1 17A1 18	10.1119E+000.1229E+000.1259E-01
A2 17A2 18	10.1119E+000.1229E+000.1259E+02
A3 17A3 18	10.1119E+000.1229E+000.1259E+02
A4 17A4 18	10.1119E+000.1229E+000.1259E+02
A5 17A5 18	10.1119E+000.1229E+000.1259E+02
A6 17A6 18	10.1119E+000.1229E+000.1259E+02
A7 17A7 18	10.1119E+000.1229E+000.1259E+02
A8 17A8 18	10.1119E+000.1229E+000.1259E+02
A9 17A9 18	10.1119E+000.1229E+000.1259E+02
AA 17AA 18	10.1119E+000.1229E+000.1259E+02
AB 17AB 18	10.1119E+000.1229E+000.1259E+02
AC 17AC 18	10.1119E+000.1229E+000.1259E+02
AD 17AD 18	10.1119E+000.1229E+000.1259E+02
AE 17AE 18	10.1119E+000.1229E+000.1259E+02
AF 17AF 18	10.1119E+000.1229E+000.1259E+02
AG 17AG 18	10.1119E+000.1229E+000.1259E+02
AH 17AH 18	10.1119E+000.1229E+000.1259E+02
AI 17AI 18	10.1119E+000.1229E+000.2518E+02
AJ 17AJ 18	10.1119E+000.1229E+000.2518E+02
AK 17AK 18	10.1119E+000.1229E+000.2518E+02
AL 17AL 18	10.1119E+000.1229E+000.2518E+02
AM 17AM 18	10.1119E+000.1229E+000.2518E+02
AN 17AN 18	10.1119E+000.1229E+000.2518E+02
AO 17AO 18	10.1119E+000.1229E+000.2518E+02
AP 17AP 18	10.1119E+000.1229E+000.2518E+02
AQ 17AQ 18	10.1119E+000.1229E+000.2518E+02
AR 17AR 18	10.1119E+000.1229E+000.2518E+02
AS 17AS 18	10.1119E+000.1229E+000.2518E+02
AT 17AT 18	10.1119E+000.1229E+000.1259E-01
A1 18A1 19	10.1229E+000.1350E+000.1414E-01
A2 18A2 19	10.1229E+000.1350E+000.1414E+02
A3 18A3 19	10.1229E+000.1350E+000.1414E+02
A4 18A4 19	10.1229E+000.1350E+000.1414E+02
A5 18A5 19	10.1229E+000.1350E+000.1414E+02
A6 18A6 19	10.1229E+000.1350E+000.1414E+02
A7 18A7 19	10.1229E+000.1350E+000.1414E+02
A8 18A8 19	10.1229E+000.1350E+000.1414E+02
A9 18A9 19	10.1229E+000.1350E+000.1414E+02
AA 18AA 19	10.1229E+000.1350E+000.1414E+02
AB 18AB 19	10.1229E+000.1350E+000.1414E+02
AC 18AC 19	10.1229E+000.1350E+000.1414E+02
AD 18AD 19	10.1229E+000.1350E+000.1414E+02
AE 18AE 19	10.1229E+000.1350E+000.1414E+02

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AF 18AF 19	10.1229E+000.1350E+000.1414E+02
AG 18AG 19	10.1229E+000.1350E+000.1414E+02
AH 18AH 19	10.1229E+000.1350E+000.1414E+02
AI 18AI 19	10.1229E+000.1350E+000.2827E+02
AJ 18AJ 19	10.1229E+000.1350E+000.2827E+02
AK 18AK 19	10.1229E+000.1350E+000.2827E+02
AL 18AL 19	10.1229E+000.1350E+000.2827E+02
AM 18AM 19	10.1229E+000.1350E+000.2827E+02
AN 18AN 19	10.1229E+000.1350E+000.2827E+02
AO 18AO 19	10.1229E+000.1350E+000.2827E+02
AP 18AP 19	10.1229E+000.1350E+000.2827E+02
AQ 18AQ 19	10.1229E+000.1350E+000.2827E+02
AR 18AR 19	10.1229E+000.1350E+000.2827E+02
AS 18AS 19	10.1229E+000.1350E+000.2827E+02
AT 18AT 19	10.1229E+000.1350E+000.1414E-01
A1 19A1 20	10.1350E+000.1482E+000.1583E-01
A2 19A2 20	10.1350E+000.1482E+000.1583E+02
A3 19A3 20	10.1350E+000.1482E+000.1583E+02
A4 19A4 20	10.1350E+000.1482E+000.1583E+02
A5 19A5 20	10.1350E+000.1482E+000.1583E+02
A6 19A6 20	10.1350E+000.1482E+000.1583E+02
A7 19A7 20	10.1350E+000.1482E+000.1583E+02
A8 19A8 20	10.1350E+000.1482E+000.1583E+02
A9 19A9 20	10.1350E+000.1482E+000.1583E+02
AA 19AA 20	10.1350E+000.1482E+000.1583E+02
AB 19AB 20	10.1350E+000.1482E+000.1583E+02
AC 19AC 20	10.1350E+000.1482E+000.1583E+02
AD 19AD 20	10.1350E+000.1482E+000.1583E+02
AE 19AE 20	10.1350E+000.1482E+000.1583E+02
AF 19AF 20	10.1350E+000.1482E+000.1583E+02
AG 19AG 20	10.1350E+000.1482E+000.1583E+02
AH 19AH 20	10.1350E+000.1482E+000.1583E+02
AI 19AI 20	10.1350E+000.1482E+000.3166E+02
AJ 19AJ 20	10.1350E+000.1482E+000.3166E+02
AK 19AK 20	10.1350E+000.1482E+000.3166E+02
AL 19AL 20	10.1350E+000.1482E+000.3166E+02
AM 19AM 20	10.1350E+000.1482E+000.3166E+02
AN 19AN 20	10.1350E+000.1482E+000.3166E+02
AO 19AO 20	10.1350E+000.1482E+000.3166E+02
AP 19AP 20	10.1350E+000.1482E+000.3166E+02
AQ 19AQ 20	10.1350E+000.1482E+000.3166E+02
AR 19AR 20	10.1350E+000.1482E+000.3166E+02
AS 19AS 20	10.1350E+000.1482E+000.3166E+02
AT 19AT 20	10.1350E+000.1482E+000.1583E-01
A1 20A1 21	10.1482E+000.1628E+000.1769E-01
A2 20A2 21	10.1482E+000.1628E+000.1769E+02
A3 20A3 21	10.1482E+000.1628E+000.1769E+02
A4 20A4 21	10.1482E+000.1628E+000.1769E+02
A5 20A5 21	10.1482E+000.1628E+000.1769E+02
A6 20A6 21	10.1482E+000.1628E+000.1769E+02
A7 20A7 21	10.1482E+000.1628E+000.1769E+02
A8 20A8 21	10.1482E+000.1628E+000.1769E+02
A9 20A9 21	10.1482E+000.1628E+000.1769E+02
AA 20AA 21	10.1482E+000.1628E+000.1769E+02
AB 20AB 21	10.1482E+000.1628E+000.1769E+02

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AC	20AC	21	10.1482E+000.1628E+000.1769E+02
AD	20AD	21	10.1482E+000.1628E+000.1769E+02
AE	20AE	21	10.1482E+000.1628E+000.1769E+02
AF	20AF	21	10.1482E+000.1628E+000.1769E+02
AG	20AG	21	10.1482E+000.1628E+000.1769E+02
AH	20AH	21	10.1482E+000.1628E+000.1769E+02
AI	20AI	21	10.1482E+000.1628E+000.3539E+02
AJ	20AJ	21	10.1482E+000.1628E+000.3539E+02
AK	20AK	21	10.1482E+000.1628E+000.3539E+02
AL	20AL	21	10.1482E+000.1628E+000.3539E+02
AM	20AM	21	10.1482E+000.1628E+000.3539E+02
AN	20AN	21	10.1482E+000.1628E+000.3539E+02
AO	20AO	21	10.1482E+000.1628E+000.3539E+02
AP	20AP	21	10.1482E+000.1628E+000.3539E+02
AQ	20AQ	21	10.1482E+000.1628E+000.3539E+02
AR	20AR	21	10.1482E+000.1628E+000.3539E+02
AS	20AS	21	10.1482E+000.1628E+000.3539E+02
AT	20AT	21	10.1482E+000.1628E+000.1769E-01
A1	21A1	22	10.1628E+000.1788E+000.1974E-01
A2	21A2	22	10.1628E+000.1788E+000.1974E+02
A3	21A3	22	10.1628E+000.1788E+000.1974E+02
A4	21A4	22	10.1628E+000.1788E+000.1974E+02
A5	21A5	22	10.1628E+000.1788E+000.1974E+02
A6	21A6	22	10.1628E+000.1788E+000.1974E+02
A7	21A7	22	10.1628E+000.1788E+000.1974E+02
A8	21A8	22	10.1628E+000.1788E+000.1974E+02
A9	21A9	22	10.1628E+000.1788E+000.1974E+02
AA	21AA	22	10.1628E+000.1788E+000.1974E+02
AB	21AB	22	10.1628E+000.1788E+000.1974E+02
AC	21AC	22	10.1628E+000.1788E+000.1974E+02
AD	21AD	22	10.1628E+000.1788E+000.1974E+02
AE	21AE	22	10.1628E+000.1788E+000.1974E+02
AF	21AF	22	10.1628E+000.1788E+000.1974E+02
AG	21AG	22	10.1628E+000.1788E+000.1974E+02
AH	21AH	22	10.1628E+000.1788E+000.1974E+02
AI	21AI	22	10.1628E+000.1788E+000.3948E+02
AJ	21AJ	22	10.1628E+000.1788E+000.3948E+02
AK	21AK	22	10.1628E+000.1788E+000.3948E+02
AL	21AL	22	10.1628E+000.1788E+000.3948E+02
AM	21AM	22	10.1628E+000.1788E+000.3948E+02
AN	21AN	22	10.1628E+000.1788E+000.3948E+02
AO	21AO	22	10.1628E+000.1788E+000.3948E+02
AP	21AP	22	10.1628E+000.1788E+000.3948E+02
AQ	21AQ	22	10.1628E+000.1788E+000.3948E+02
AR	21AR	22	10.1628E+000.1788E+000.3948E+02
AS	21AS	22	10.1628E+000.1788E+000.3948E+02
AT	21AT	22	10.1628E+000.1788E+000.1974E-01
A1	22A1	23	10.1788E+000.1963E+000.2199E-01
A2	22A2	23	10.1788E+000.1963E+000.2199E+02
A3	22A3	23	10.1788E+000.1963E+000.2199E+02
A4	22A4	23	10.1788E+000.1963E+000.2199E+02
A5	22A5	23	10.1788E+000.1963E+000.2199E+02
A6	22A6	23	10.1788E+000.1963E+000.2199E+02
A7	22A7	23	10.1788E+000.1963E+000.2199E+02
A8	22A8	23	10.1788E+000.1963E+000.2199E+02

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A9	22A9	23	10.1788E+000.1963E+000.2199E+02
AA	22AA	23	10.1788E+000.1963E+000.2199E+02
AB	22AB	23	10.1788E+000.1963E+000.2199E+02
AC	22AC	23	10.1788E+000.1963E+000.2199E+02
AD	22AD	23	10.1788E+000.1963E+000.2199E+02
AE	22AE	23	10.1788E+000.1963E+000.2199E+02
AF	22AF	23	10.1788E+000.1963E+000.2199E+02
AG	22AG	23	10.1788E+000.1963E+000.2199E+02
AH	22AH	23	10.1788E+000.1963E+000.2199E+02
AI	22AI	23	10.1788E+000.1963E+000.4397E+02
AJ	22AJ	23	10.1788E+000.1963E+000.4397E+02
AK	22AK	23	10.1788E+000.1963E+000.4397E+02
AL	22AL	23	10.1788E+000.1963E+000.4397E+02
AM	22AM	23	10.1788E+000.1963E+000.4397E+02
AN	22AN	23	10.1788E+000.1963E+000.4397E+02
AO	22AO	23	10.1788E+000.1963E+000.4397E+02
AP	22AP	23	10.1788E+000.1963E+000.4397E+02
AQ	22AQ	23	10.1788E+000.1963E+000.4397E+02
AR	22AR	23	10.1788E+000.1963E+000.4397E+02
AS	22AS	23	10.1788E+000.1963E+000.4397E+02
AT	22AT	23	10.1788E+000.1963E+000.2199E-01
A1	23A1	24	10.1963E+000.2156E+000.2445E-01
A2	23A2	24	10.1963E+000.2156E+000.2445E+02
A3	23A3	24	10.1963E+000.2156E+000.2445E+02
A4	23A4	24	10.1963E+000.2156E+000.2445E+02
A5	23A5	24	10.1963E+000.2156E+000.2445E+02
A6	23A6	24	10.1963E+000.2156E+000.2445E+02
A7	23A7	24	10.1963E+000.2156E+000.2445E+02
A8	23A8	24	10.1963E+000.2156E+000.2445E+02
A9	23A9	24	10.1963E+000.2156E+000.2445E+02
AA	23AA	24	10.1963E+000.2156E+000.2445E+02
AB	23AB	24	10.1963E+000.2156E+000.2445E+02
AC	23AC	24	10.1963E+000.2156E+000.2445E+02
AD	23AD	24	10.1963E+000.2156E+000.2445E+02
AE	23AE	24	10.1963E+000.2156E+000.2445E+02
AF	23AF	24	10.1963E+000.2156E+000.2445E+02
AG	23AG	24	10.1963E+000.2156E+000.2445E+02
AH	23AH	24	10.1963E+000.2156E+000.2445E+02
AI	23AI	24	10.1963E+000.2156E+000.4891E+02
AJ	23AJ	24	10.1963E+000.2156E+000.4891E+02
AK	23AK	24	10.1963E+000.2156E+000.4891E+02
AL	23AL	24	10.1963E+000.2156E+000.4891E+02
AM	23AM	24	10.1963E+000.2156E+000.4891E+02
AN	23AN	24	10.1963E+000.2156E+000.4891E+02
AO	23AO	24	10.1963E+000.2156E+000.4891E+02
AP	23AP	24	10.1963E+000.2156E+000.4891E+02
AQ	23AQ	24	10.1963E+000.2156E+000.4891E+02
AR	23AR	24	10.1963E+000.2156E+000.4891E+02
AS	23AS	24	10.1963E+000.2156E+000.4891E+02
AT	23AT	24	10.1963E+000.2156E+000.2445E-01
A1	24A1	25	10.2156E+000.2368E+000.2716E-01
A2	24A2	25	10.2156E+000.2368E+000.2716E+02
A3	24A3	25	10.2156E+000.2368E+000.2716E+02
A4	24A4	25	10.2156E+000.2368E+000.2716E+02
A5	24A5	25	10.2156E+000.2368E+000.2716E+02

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A6	24A6	25	10.2156E+000.2368E+000.2716E+02
A7	24A7	25	10.2156E+000.2368E+000.2716E+02
A8	24A8	25	10.2156E+000.2368E+000.2716E+02
A9	24A9	25	10.2156E+000.2368E+000.2716E+02
AA	24AA	25	10.2156E+000.2368E+000.2716E+02
AB	24AB	25	10.2156E+000.2368E+000.2716E+02
AC	24AC	25	10.2156E+000.2368E+000.2716E+02
AD	24AD	25	10.2156E+000.2368E+000.2716E+02
AE	24AE	25	10.2156E+000.2368E+000.2716E+02
AF	24AF	25	10.2156E+000.2368E+000.2716E+02
AG	24AG	25	10.2156E+000.2368E+000.2716E+02
AH	24AH	25	10.2156E+000.2368E+000.2716E+02
AI	24AI	25	10.2156E+000.2368E+000.5433E+02
AJ	24AJ	25	10.2156E+000.2368E+000.5433E+02
AK	24AK	25	10.2156E+000.2368E+000.5433E+02
AL	24AL	25	10.2156E+000.2368E+000.5433E+02
AM	24AM	25	10.2156E+000.2368E+000.5433E+02
AN	24AN	25	10.2156E+000.2368E+000.5433E+02
AO	24AO	25	10.2156E+000.2368E+000.5433E+02
AP	24AP	25	10.2156E+000.2368E+000.5433E+02
AQ	24AQ	25	10.2156E+000.2368E+000.5433E+02
AR	24AR	25	10.2156E+000.2368E+000.5433E+02
AS	24AS	25	10.2156E+000.2368E+000.5433E+02
AT	24AT	25	10.2156E+000.2368E+000.2716E-01
A1	25A1	26	10.2368E+000.2601E+000.3014E-01
A2	25A2	26	10.2368E+000.2601E+000.3014E+02
A3	25A3	26	10.2368E+000.2601E+000.3014E+02
A4	25A4	26	10.2368E+000.2601E+000.3014E+02
A5	25A5	26	10.2368E+000.2601E+000.3014E+02
A6	25A6	26	10.2368E+000.2601E+000.3014E+02
A7	25A7	26	10.2368E+000.2601E+000.3014E+02
A8	25A8	26	10.2368E+000.2601E+000.3014E+02
A9	25A9	26	10.2368E+000.2601E+000.3014E+02
AA	25AA	26	10.2368E+000.2601E+000.3014E+02
AB	25AB	26	10.2368E+000.2601E+000.3014E+02
AC	25AC	26	10.2368E+000.2601E+000.3014E+02
AD	25AD	26	10.2368E+000.2601E+000.3014E+02
AE	25AE	26	10.2368E+000.2601E+000.3014E+02
AF	25AF	26	10.2368E+000.2601E+000.3014E+02
AG	25AG	26	10.2368E+000.2601E+000.3014E+02
AH	25AH	26	10.2368E+000.2601E+000.3014E+02
AI	25AI	26	10.2368E+000.2601E+000.6028E+02
AJ	25AJ	26	10.2368E+000.2601E+000.6028E+02
AK	25AK	26	10.2368E+000.2601E+000.6028E+02
AL	25AL	26	10.2368E+000.2601E+000.6028E+02
AM	25AM	26	10.2368E+000.2601E+000.6028E+02
AN	25AN	26	10.2368E+000.2601E+000.6028E+02
AO	25AO	26	10.2368E+000.2601E+000.6028E+02
AP	25AP	26	10.2368E+000.2601E+000.6028E+02
AQ	25AQ	26	10.2368E+000.2601E+000.6028E+02
AR	25AR	26	10.2368E+000.2601E+000.6028E+02
AS	25AS	26	10.2368E+000.2601E+000.6028E+02
AT	25AT	26	10.2368E+000.2601E+000.3014E-01
A1	26A1	27	10.2601E+000.2856E+000.3341E-01
A2	26A2	27	10.2601E+000.2856E+000.3341E+02



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A3	26A3	27	10.2601E+000.2856E+000.3341E+02
A4	26A4	27	10.2601E+000.2856E+000.3341E+02
A5	26A5	27	10.2601E+000.2856E+000.3341E+02
A6	26A6	27	10.2601E+000.2856E+000.3341E+02
A7	26A7	27	10.2601E+000.2856E+000.3341E+02
A8	26A8	27	10.2601E+000.2856E+000.3341E+02
A9	26A9	27	10.2601E+000.2856E+000.3341E+02
AA	26AA	27	10.2601E+000.2856E+000.3341E+02
AB	26AB	27	10.2601E+000.2856E+000.3341E+02
AC	26AC	27	10.2601E+000.2856E+000.3341E+02
AD	26AD	27	10.2601E+000.2856E+000.3341E+02
AE	26AE	27	10.2601E+000.2856E+000.3341E+02
AF	26AF	27	10.2601E+000.2856E+000.3341E+02
AG	26AG	27	10.2601E+000.2856E+000.3341E+02
AH	26AH	27	10.2601E+000.2856E+000.3341E+02
AI	26AI	27	10.2601E+000.2856E+000.6681E+02
AJ	26AJ	27	10.2601E+000.2856E+000.6681E+02
AK	26AK	27	10.2601E+000.2856E+000.6681E+02
AL	26AL	27	10.2601E+000.2856E+000.6681E+02
AM	26AM	27	10.2601E+000.2856E+000.6681E+02
AN	26AN	27	10.2601E+000.2856E+000.6681E+02
AO	26AO	27	10.2601E+000.2856E+000.6681E+02
AP	26AP	27	10.2601E+000.2856E+000.6681E+02
AQ	26AQ	27	10.2601E+000.2856E+000.6681E+02
AR	26AR	27	10.2601E+000.2856E+000.6681E+02
AS	26AS	27	10.2601E+000.2856E+000.6681E+02
AT	26AT	27	10.2601E+000.2856E+000.3341E-01
A1	27A1	28	10.2856E+000.3136E+000.3700E-01
A2	27A2	28	10.2856E+000.3136E+000.3700E+02
A3	27A3	28	10.2856E+000.3136E+000.3700E+02
A4	27A4	28	10.2856E+000.3136E+000.3700E+02
A5	27A5	28	10.2856E+000.3136E+000.3700E+02
A6	27A6	28	10.2856E+000.3136E+000.3700E+02
A7	27A7	28	10.2856E+000.3136E+000.3700E+02
A8	27A8	28	10.2856E+000.3136E+000.3700E+02
A9	27A9	28	10.2856E+000.3136E+000.3700E+02
AA	27AA	28	10.2856E+000.3136E+000.3700E+02
AB	27AB	28	10.2856E+000.3136E+000.3700E+02
AC	27AC	28	10.2856E+000.3136E+000.3700E+02
AD	27AD	28	10.2856E+000.3136E+000.3700E+02
AE	27AE	28	10.2856E+000.3136E+000.3700E+02
AF	27AF	28	10.2856E+000.3136E+000.3700E+02
AG	27AG	28	10.2856E+000.3136E+000.3700E+02
AH	27AH	28	10.2856E+000.3136E+000.3700E+02
AI	27AI	28	10.2856E+000.3136E+000.7399E+02
AJ	27AJ	28	10.2856E+000.3136E+000.7399E+02
AK	27AK	28	10.2856E+000.3136E+000.7399E+02
AL	27AL	28	10.2856E+000.3136E+000.7399E+02
AM	27AM	28	10.2856E+000.3136E+000.7399E+02
AN	27AN	28	10.2856E+000.3136E+000.7399E+02
AO	27AO	28	10.2856E+000.3136E+000.7399E+02
AP	27AP	28	10.2856E+000.3136E+000.7399E+02
AQ	27AQ	28	10.2856E+000.3136E+000.7399E+02
AR	27AR	28	10.2856E+000.3136E+000.7399E+02
AS	27AS	28	10.2856E+000.3136E+000.7399E+02

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AT	27AT	28	10.2856E+000.3136E+000.3700E-01
A1	28A1	29	10.3136E+000.3444E+000.4094E-01
A2	28A2	29	10.3136E+000.3444E+000.4094E+02
A3	28A3	29	10.3136E+000.3444E+000.4094E+02
A4	28A4	29	10.3136E+000.3444E+000.4094E+02
A5	28A5	29	10.3136E+000.3444E+000.4094E+02
A6	28A6	29	10.3136E+000.3444E+000.4094E+02
A7	28A7	29	10.3136E+000.3444E+000.4094E+02
A8	28A8	29	10.3136E+000.3444E+000.4094E+02
A9	28A9	29	10.3136E+000.3444E+000.4094E+02
AA	28AA	29	10.3136E+000.3444E+000.4094E+02
AB	28AB	29	10.3136E+000.3444E+000.4094E+02
AC	28AC	29	10.3136E+000.3444E+000.4094E+02
AD	28AD	29	10.3136E+000.3444E+000.4094E+02
AE	28AE	29	10.3136E+000.3444E+000.4094E+02
AF	28AF	29	10.3136E+000.3444E+000.4094E+02
AG	28AG	29	10.3136E+000.3444E+000.4094E+02
AH	28AH	29	10.3136E+000.3444E+000.4094E+02
AI	28AI	29	10.3136E+000.3444E+000.8187E+02
AJ	28AJ	29	10.3136E+000.3444E+000.8187E+02
AK	28AK	29	10.3136E+000.3444E+000.8187E+02
AL	28AL	29	10.3136E+000.3444E+000.8187E+02
AM	28AM	29	10.3136E+000.3444E+000.8187E+02
AN	28AN	29	10.3136E+000.3444E+000.8187E+02
AO	28AO	29	10.3136E+000.3444E+000.8187E+02
AP	28AP	29	10.3136E+000.3444E+000.8187E+02
AQ	28AQ	29	10.3136E+000.3444E+000.8187E+02
AR	28AR	29	10.3136E+000.3444E+000.8187E+02
AS	28AS	29	10.3136E+000.3444E+000.8187E+02
AT	28AT	29	10.3136E+000.3444E+000.4094E-01
A1	29A1	30	10.3444E+000.3783E+000.4527E-01
A2	29A2	30	10.3444E+000.3783E+000.4527E+02
A3	29A3	30	10.3444E+000.3783E+000.4527E+02
A4	29A4	30	10.3444E+000.3783E+000.4527E+02
A5	29A5	30	10.3444E+000.3783E+000.4527E+02
A6	29A6	30	10.3444E+000.3783E+000.4527E+02
A7	29A7	30	10.3444E+000.3783E+000.4527E+02
A8	29A8	30	10.3444E+000.3783E+000.4527E+02
A9	29A9	30	10.3444E+000.3783E+000.4527E+02
AA	29AA	30	10.3444E+000.3783E+000.4527E+02
AB	29AB	30	10.3444E+000.3783E+000.4527E+02
AC	29AC	30	10.3444E+000.3783E+000.4527E+02
AD	29AD	30	10.3444E+000.3783E+000.4527E+02
AE	29AE	30	10.3444E+000.3783E+000.4527E+02
AF	29AF	30	10.3444E+000.3783E+000.4527E+02
AG	29AG	30	10.3444E+000.3783E+000.4527E+02
AH	29AH	30	10.3444E+000.3783E+000.4527E+02
AI	29AI	30	10.3444E+000.3783E+000.9053E+02
AJ	29AJ	30	10.3444E+000.3783E+000.9053E+02
AK	29AK	30	10.3444E+000.3783E+000.9053E+02
AL	29AL	30	10.3444E+000.3783E+000.9053E+02
AM	29AM	30	10.3444E+000.3783E+000.9053E+02
AN	29AN	30	10.3444E+000.3783E+000.9053E+02
AO	29AO	30	10.3444E+000.3783E+000.9053E+02
AP	29AP	30	10.3444E+000.3783E+000.9053E+02

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AQ 29AQ 30	10.3444E+000.3783E+000.9053E+02
AR 29AR 30	10.3444E+000.3783E+000.9053E+02
AS 29AS 30	10.3444E+000.3783E+000.9053E+02
AT 29AT 30	10.3444E+000.3783E+000.4527E-01
A1 30A1 31	10.3783E+000.4154E+000.5002E-01
A2 30A2 31	10.3783E+000.4154E+000.5002E+02
A3 30A3 31	10.3783E+000.4154E+000.5002E+02
A4 30A4 31	10.3783E+000.4154E+000.5002E+02
A5 30A5 31	10.3783E+000.4154E+000.5002E+02
A6 30A6 31	10.3783E+000.4154E+000.5002E+02
A7 30A7 31	10.3783E+000.4154E+000.5002E+02
A8 30A8 31	10.3783E+000.4154E+000.5002E+02
A9 30A9 31	10.3783E+000.4154E+000.5002E+02
AA 30AA 31	10.3783E+000.4154E+000.5002E+02
AB 30AB 31	10.3783E+000.4154E+000.5002E+02
AC 30AC 31	10.3783E+000.4154E+000.5002E+02
AD 30AD 31	10.3783E+000.4154E+000.5002E+02
AE 30AE 31	10.3783E+000.4154E+000.5002E+02
AF 30AF 31	10.3783E+000.4154E+000.5002E+02
AG 30AG 31	10.3783E+000.4154E+000.5002E+02
AH 30AH 31	10.3783E+000.4154E+000.5002E+02
AI 30AI 31	10.3783E+000.4154E+000.1000E+03
AJ 30AJ 31	10.3783E+000.4154E+000.1000E+03
AK 30AK 31	10.3783E+000.4154E+000.1000E+03
AL 30AL 31	10.3783E+000.4154E+000.1000E+03
AM 30AM 31	10.3783E+000.4154E+000.1000E+03
AN 30AN 31	10.3783E+000.4154E+000.1000E+03
AO 30AO 31	10.3783E+000.4154E+000.1000E+03
AP 30AP 31	10.3783E+000.4154E+000.1000E+03
AQ 30AQ 31	10.3783E+000.4154E+000.1000E+03
AR 30AR 31	10.3783E+000.4154E+000.1000E+03
AS 30AS 31	10.3783E+000.4154E+000.1000E+03
AT 30AT 31	10.3783E+000.4154E+000.5002E-01
A1 31A1 32	10.4154E+000.4562E+000.5524E-01
A2 31A2 32	10.4154E+000.4562E+000.5524E+02
A3 31A3 32	10.4154E+000.4562E+000.5524E+02
A4 31A4 32	10.4154E+000.4562E+000.5524E+02
A5 31A5 32	10.4154E+000.4562E+000.5524E+02
A6 31A6 32	10.4154E+000.4562E+000.5524E+02
A7 31A7 32	10.4154E+000.4562E+000.5524E+02
A8 31A8 32	10.4154E+000.4562E+000.5524E+02
A9 31A9 32	10.4154E+000.4562E+000.5524E+02
AA 31AA 32	10.4154E+000.4562E+000.5524E+02
AB 31AB 32	10.4154E+000.4562E+000.5524E+02
AC 31AC 32	10.4154E+000.4562E+000.5524E+02
AD 31AD 32	10.4154E+000.4562E+000.5524E+02
AE 31AE 32	10.4154E+000.4562E+000.5524E+02
AF 31AF 32	10.4154E+000.4562E+000.5524E+02
AG 31AG 32	10.4154E+000.4562E+000.5524E+02
AH 31AH 32	10.4154E+000.4562E+000.5524E+02
AI 31AI 32	10.4154E+000.4562E+000.1105E+03
AJ 31AJ 32	10.4154E+000.4562E+000.1105E+03
AK 31AK 32	10.4154E+000.4562E+000.1105E+03
AL 31AL 32	10.4154E+000.4562E+000.1105E+03
AM 31AM 32	10.4154E+000.4562E+000.1105E+03

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AN 31AN 32	10.4154E+000.4562E+000.1105E+03
AO 31AO 32	10.4154E+000.4562E+000.1105E+03
AP 31AP 32	10.4154E+000.4562E+000.1105E+03
AQ 31AQ 32	10.4154E+000.4562E+000.1105E+03
AR 31AR 32	10.4154E+000.4562E+000.1105E+03
AS 31AS 32	10.4154E+000.4562E+000.1105E+03
AT 31AT 32	10.4154E+000.4562E+000.5524E-01
A1 32A1 33	10.4562E+000.5010E+000.6097E-01
A2 32A2 33	10.4562E+000.5010E+000.6097E+02
A3 32A3 33	10.4562E+000.5010E+000.6097E+02
A4 32A4 33	10.4562E+000.5010E+000.6097E+02
A5 32A5 33	10.4562E+000.5010E+000.6097E+02
A6 32A6 33	10.4562E+000.5010E+000.6097E+02
A7 32A7 33	10.4562E+000.5010E+000.6097E+02
A8 32A8 33	10.4562E+000.5010E+000.6097E+02
A9 32A9 33	10.4562E+000.5010E+000.6097E+02
AA 32AA 33	10.4562E+000.5010E+000.6097E+02
AB 32AB 33	10.4562E+000.5010E+000.6097E+02
AC 32AC 33	10.4562E+000.5010E+000.6097E+02
AD 32AD 33	10.4562E+000.5010E+000.6097E+02
AE 32AE 33	10.4562E+000.5010E+000.6097E+02
AF 32AF 33	10.4562E+000.5010E+000.6097E+02
AG 32AG 33	10.4562E+000.5010E+000.6097E+02
AH 32AH 33	10.4562E+000.5010E+000.6097E+02
AI 32AI 33	10.4562E+000.5010E+000.1219E+03
AJ 32AJ 33	10.4562E+000.5010E+000.1219E+03
AK 32AK 33	10.4562E+000.5010E+000.1219E+03
AL 32AL 33	10.4562E+000.5010E+000.1219E+03
AM 32AM 33	10.4562E+000.5010E+000.1219E+03
AN 32AN 33	10.4562E+000.5010E+000.1219E+03
AO 32AO 33	10.4562E+000.5010E+000.1219E+03
AP 32AP 33	10.4562E+000.5010E+000.1219E+03
AQ 32AQ 33	10.4562E+000.5010E+000.1219E+03
AR 32AR 33	10.4562E+000.5010E+000.1219E+03
AS 32AS 33	10.4562E+000.5010E+000.1219E+03
AT 32AT 33	10.4562E+000.5010E+000.6097E-01
A1 33A1 34	10.5010E+000.5502E+000.6727E-01
A2 33A2 34	10.5010E+000.5502E+000.6727E+02
A3 33A3 34	10.5010E+000.5502E+000.6727E+02
A4 33A4 34	10.5010E+000.5502E+000.6727E+02
A5 33A5 34	10.5010E+000.5502E+000.6727E+02
A6 33A6 34	10.5010E+000.5502E+000.6727E+02
A7 33A7 34	10.5010E+000.5502E+000.6727E+02
A8 33A8 34	10.5010E+000.5502E+000.6727E+02
A9 33A9 34	10.5010E+000.5502E+000.6727E+02
AA 33AA 34	10.5010E+000.5502E+000.6727E+02
AB 33AB 34	10.5010E+000.5502E+000.6727E+02
AC 33AC 34	10.5010E+000.5502E+000.6727E+02
AD 33AD 34	10.5010E+000.5502E+000.6727E+02
AE 33AE 34	10.5010E+000.5502E+000.6727E+02
AF 33AF 34	10.5010E+000.5502E+000.6727E+02
AG 33AG 34	10.5010E+000.5502E+000.6727E+02
AH 33AH 34	10.5010E+000.5502E+000.6727E+02
AI 33AI 34	10.5010E+000.5502E+000.1345E+03
AJ 33AJ 34	10.5010E+000.5502E+000.1345E+03

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AK 33AK 34	10.5010E+000.5502E+000.1345E+03
AL 33AL 34	10.5010E+000.5502E+000.1345E+03
AM 33AM 34	10.5010E+000.5502E+000.1345E+03
AN 33AN 34	10.5010E+000.5502E+000.1345E+03
AO 33AO 34	10.5010E+000.5502E+000.1345E+03
AP 33AP 34	10.5010E+000.5502E+000.1345E+03
AQ 33AQ 34	10.5010E+000.5502E+000.1345E+03
AR 33AR 34	10.5010E+000.5502E+000.1345E+03
AS 33AS 34	10.5010E+000.5502E+000.1345E+03
AT 33AT 34	10.5010E+000.5502E+000.6727E-01
A1 34A1 35	10.5502E+000.6043E+000.7418E-01
A2 34A2 35	10.5502E+000.6043E+000.7418E+02
A3 34A3 35	10.5502E+000.6043E+000.7418E+02
A4 34A4 35	10.5502E+000.6043E+000.7418E+02
A5 34A5 35	10.5502E+000.6043E+000.7418E+02
A6 34A6 35	10.5502E+000.6043E+000.7418E+02
A7 34A7 35	10.5502E+000.6043E+000.7418E+02
A8 34A8 35	10.5502E+000.6043E+000.7418E+02
A9 34A9 35	10.5502E+000.6043E+000.7418E+02
AA 34AA 35	10.5502E+000.6043E+000.7418E+02
AB 34AB 35	10.5502E+000.6043E+000.7418E+02
AC 34AC 35	10.5502E+000.6043E+000.7418E+02
AD 34AD 35	10.5502E+000.6043E+000.7418E+02
AE 34AE 35	10.5502E+000.6043E+000.7418E+02
AF 34AF 35	10.5502E+000.6043E+000.7418E+02
AG 34AG 35	10.5502E+000.6043E+000.7418E+02
AH 34AH 35	10.5502E+000.6043E+000.7418E+02
AI 34AI 35	10.5502E+000.6043E+000.1484E+03
AJ 34AJ 35	10.5502E+000.6043E+000.1484E+03
AK 34AK 35	10.5502E+000.6043E+000.1484E+03
AL 34AL 35	10.5502E+000.6043E+000.1484E+03
AM 34AM 35	10.5502E+000.6043E+000.1484E+03
AN 34AN 35	10.5502E+000.6043E+000.1484E+03
AO 34AO 35	10.5502E+000.6043E+000.1484E+03
AP 34AP 35	10.5502E+000.6043E+000.1484E+03
AQ 34AQ 35	10.5502E+000.6043E+000.1484E+03
AR 34AR 35	10.5502E+000.6043E+000.1484E+03
AS 34AS 35	10.5502E+000.6043E+000.1484E+03
AT 34AT 35	10.5502E+000.6043E+000.7418E-01
A1 35A1 36	10.6043E+000.6636E+000.8178E-01
A2 35A2 36	10.6043E+000.6636E+000.8178E+02
A3 35A3 36	10.6043E+000.6636E+000.8178E+02
A4 35A4 36	10.6043E+000.6636E+000.8178E+02
A5 35A5 36	10.6043E+000.6636E+000.8178E+02
A6 35A6 36	10.6043E+000.6636E+000.8178E+02
A7 35A7 36	10.6043E+000.6636E+000.8178E+02
A8 35A8 36	10.6043E+000.6636E+000.8178E+02
A9 35A9 36	10.6043E+000.6636E+000.8178E+02
AA 35AA 36	10.6043E+000.6636E+000.8178E+02
AB 35AB 36	10.6043E+000.6636E+000.8178E+02
AC 35AC 36	10.6043E+000.6636E+000.8178E+02
AD 35AD 36	10.6043E+000.6636E+000.8178E+02
AE 35AE 36	10.6043E+000.6636E+000.8178E+02
AF 35AF 36	10.6043E+000.6636E+000.8178E+02
AG 35AG 36	10.6043E+000.6636E+000.8178E+02

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AH 35AH 36	10.6043E+000.6636E+000.8178E+02
AI 35AI 36	10.6043E+000.6636E+000.1636E+03
AJ 35AJ 36	10.6043E+000.6636E+000.1636E+03
AK 35AK 36	10.6043E+000.6636E+000.1636E+03
AL 35AL 36	10.6043E+000.6636E+000.1636E+03
AM 35AM 36	10.6043E+000.6636E+000.1636E+03
AN 35AN 36	10.6043E+000.6636E+000.1636E+03
AO 35AO 36	10.6043E+000.6636E+000.1636E+03
AP 35AP 36	10.6043E+000.6636E+000.1636E+03
AQ 35AQ 36	10.6043E+000.6636E+000.1636E+03
AR 35AR 36	10.6043E+000.6636E+000.1636E+03
AS 35AS 36	10.6043E+000.6636E+000.1636E+03
AT 35AT 36	10.6043E+000.6636E+000.8178E-01
A1 36A1 37	10.6636E+000.7288E+000.9012E-01
A2 36A2 37	10.6636E+000.7288E+000.9012E+02
A3 36A3 37	10.6636E+000.7288E+000.9012E+02
A4 36A4 37	10.6636E+000.7288E+000.9012E+02
A5 36A5 37	10.6636E+000.7288E+000.9012E+02
A6 36A6 37	10.6636E+000.7288E+000.9012E+02
A7 36A7 37	10.6636E+000.7288E+000.9012E+02
A8 36A8 37	10.6636E+000.7288E+000.9012E+02
A9 36A9 37	10.6636E+000.7288E+000.9012E+02
AA 36AA 37	10.6636E+000.7288E+000.9012E+02
AB 36AB 37	10.6636E+000.7288E+000.9012E+02
AC 36AC 37	10.6636E+000.7288E+000.9012E+02
AD 36AD 37	10.6636E+000.7288E+000.9012E+02
AE 36AE 37	10.6636E+000.7288E+000.9012E+02
AF 36AF 37	10.6636E+000.7288E+000.9012E+02
AG 36AG 37	10.6636E+000.7288E+000.9012E+02
AH 36AH 37	10.6636E+000.7288E+000.9012E+02
AI 36AI 37	10.6636E+000.7288E+000.1802E+03
AJ 36AJ 37	10.6636E+000.7288E+000.1802E+03
AK 36AK 37	10.6636E+000.7288E+000.1802E+03
AL 36AL 37	10.6636E+000.7288E+000.1802E+03
AM 36AM 37	10.6636E+000.7288E+000.1802E+03
AN 36AN 37	10.6636E+000.7288E+000.1802E+03
AO 36AO 37	10.6636E+000.7288E+000.1802E+03
AP 36AP 37	10.6636E+000.7288E+000.1802E+03
AQ 36AQ 37	10.6636E+000.7288E+000.1802E+03
AR 36AR 37	10.6636E+000.7288E+000.1802E+03
AS 36AS 37	10.6636E+000.7288E+000.1802E+03
AT 36AT 37	10.6636E+000.7288E+000.9012E-01
A1 37A1 38	10.7288E+000.8004E+000.9927E-01
A2 37A2 38	10.7288E+000.8004E+000.9927E+02
A3 37A3 38	10.7288E+000.8004E+000.9927E+02
A4 37A4 38	10.7288E+000.8004E+000.9927E+02
A5 37A5 38	10.7288E+000.8004E+000.9927E+02
A6 37A6 38	10.7288E+000.8004E+000.9927E+02
A7 37A7 38	10.7288E+000.8004E+000.9927E+02
A8 37A8 38	10.7288E+000.8004E+000.9927E+02
A9 37A9 38	10.7288E+000.8004E+000.9927E+02
AA 37AA 38	10.7288E+000.8004E+000.9927E+02
AB 37AB 38	10.7288E+000.8004E+000.9927E+02
AC 37AC 38	10.7288E+000.8004E+000.9927E+02
AD 37AD 38	10.7288E+000.8004E+000.9927E+02

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AE 37AE 38	10.7288E+000.8004E+000.9927E+02
AF 37AF 38	10.7288E+000.8004E+000.9927E+02
AG 37AG 38	10.7288E+000.8004E+000.9927E+02
AH 37AH 38	10.7288E+000.8004E+000.9927E+02
AI 37AI 38	10.7288E+000.8004E+000.1985E+03
AJ 37AJ 38	10.7288E+000.8004E+000.1985E+03
AK 37AK 38	10.7288E+000.8004E+000.1985E+03
AL 37AL 38	10.7288E+000.8004E+000.1985E+03
AM 37AM 38	10.7288E+000.8004E+000.1985E+03
AN 37AN 38	10.7288E+000.8004E+000.1985E+03
AO 37AO 38	10.7288E+000.8004E+000.1985E+03
AP 37AP 38	10.7288E+000.8004E+000.1985E+03
AQ 37AQ 38	10.7288E+000.8004E+000.1985E+03
AR 37AR 38	10.7288E+000.8004E+000.1985E+03
AS 37AS 38	10.7288E+000.8004E+000.1985E+03
AT 37AT 38	10.7288E+000.8004E+000.9927E-01
A1 38A1 39	10.8004E+000.8790E+000.1093E+00
A2 38A2 39	10.8004E+000.8790E+000.1093E+03
A3 38A3 39	10.8004E+000.8790E+000.1093E+03
A4 38A4 39	10.8004E+000.8790E+000.1093E+03
A5 38A5 39	10.8004E+000.8790E+000.1093E+03
A6 38A6 39	10.8004E+000.8790E+000.1093E+03
A7 38A7 39	10.8004E+000.8790E+000.1093E+03
A8 38A8 39	10.8004E+000.8790E+000.1093E+03
A9 38A9 39	10.8004E+000.8790E+000.1093E+03
AA 38AA 39	10.8004E+000.8790E+000.1093E+03
AB 38AB 39	10.8004E+000.8790E+000.1093E+03
AC 38AC 39	10.8004E+000.8790E+000.1093E+03
AD 38AD 39	10.8004E+000.8790E+000.1093E+03
AE 38AE 39	10.8004E+000.8790E+000.1093E+03
AF 38AF 39	10.8004E+000.8790E+000.1093E+03
AG 38AG 39	10.8004E+000.8790E+000.1093E+03
AH 38AH 39	10.8004E+000.8790E+000.1093E+03
AI 38AI 39	10.8004E+000.8790E+000.2187E+03
AJ 38AJ 39	10.8004E+000.8790E+000.2187E+03
AK 38AK 39	10.8004E+000.8790E+000.2187E+03
AL 38AL 39	10.8004E+000.8790E+000.2187E+03
AM 38AM 39	10.8004E+000.8790E+000.2187E+03
AN 38AN 39	10.8004E+000.8790E+000.2187E+03
AO 38AO 39	10.8004E+000.8790E+000.2187E+03
AP 38AP 39	10.8004E+000.8790E+000.2187E+03
AQ 38AQ 39	10.8004E+000.8790E+000.2187E+03
AR 38AR 39	10.8004E+000.8790E+000.2187E+03
AS 38AS 39	10.8004E+000.8790E+000.2187E+03
AT 38AT 39	10.8004E+000.8790E+000.1093E+00
A1 39A1 40	10.8790E+000.9653E+000.1204E+00
A2 39A2 40	10.8790E+000.9653E+000.1204E+03
A3 39A3 40	10.8790E+000.9653E+000.1204E+03
A4 39A4 40	10.8790E+000.9653E+000.1204E+03
A5 39A5 40	10.8790E+000.9653E+000.1204E+03
A6 39A6 40	10.8790E+000.9653E+000.1204E+03
A7 39A7 40	10.8790E+000.9653E+000.1204E+03
A8 39A8 40	10.8790E+000.9653E+000.1204E+03
A9 39A9 40	10.8790E+000.9653E+000.1204E+03
AA 39AA 40	10.8790E+000.9653E+000.1204E+03

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AB 39AB 40	10.8790E+000.9653E+000.1204E+03
AC 39AC 40	10.8790E+000.9653E+000.1204E+03
AD 39AD 40	10.8790E+000.9653E+000.1204E+03
AE 39AE 40	10.8790E+000.9653E+000.1204E+03
AF 39AF 40	10.8790E+000.9653E+000.1204E+03
AG 39AG 40	10.8790E+000.9653E+000.1204E+03
AH 39AH 40	10.8790E+000.9653E+000.1204E+03
AI 39AI 40	10.8790E+000.9653E+000.2408E+03
AJ 39AJ 40	10.8790E+000.9653E+000.2408E+03
AK 39AK 40	10.8790E+000.9653E+000.2408E+03
AL 39AL 40	10.8790E+000.9653E+000.2408E+03
AM 39AM 40	10.8790E+000.9653E+000.2408E+03
AN 39AN 40	10.8790E+000.9653E+000.2408E+03
AO 39AO 40	10.8790E+000.9653E+000.2408E+03
AP 39AP 40	10.8790E+000.9653E+000.2408E+03
AQ 39AQ 40	10.8790E+000.9653E+000.2408E+03
AR 39AR 40	10.8790E+000.9653E+000.2408E+03
AS 39AS 40	10.8790E+000.9653E+000.2408E+03
AT 39AT 40	10.8790E+000.9653E+000.1204E+00
A1 40A1 41	10.9653E+000.1060E+010.1325E+00
A2 40A2 41	10.9653E+000.1060E+010.1325E+03
A3 40A3 41	10.9653E+000.1060E+010.1325E+03
A4 40A4 41	10.9653E+000.1060E+010.1325E+03
A5 40A5 41	10.9653E+000.1060E+010.1325E+03
A6 40A6 41	10.9653E+000.1060E+010.1325E+03
A7 40A7 41	10.9653E+000.1060E+010.1325E+03
A8 40A8 41	10.9653E+000.1060E+010.1325E+03
A9 40A9 41	10.9653E+000.1060E+010.1325E+03
AA 40AA 41	10.9653E+000.1060E+010.1325E+03
AB 40AB 41	10.9653E+000.1060E+010.1325E+03
AC 40AC 41	10.9653E+000.1060E+010.1325E+03
AD 40AD 41	10.9653E+000.1060E+010.1325E+03
AE 40AE 41	10.9653E+000.1060E+010.1325E+03
AF 40AF 41	10.9653E+000.1060E+010.1325E+03
AG 40AG 41	10.9653E+000.1060E+010.1325E+03
AH 40AH 41	10.9653E+000.1060E+010.1325E+03
AI 40AI 41	10.9653E+000.1060E+010.2650E+03
AJ 40AJ 41	10.9653E+000.1060E+010.2650E+03
AK 40AK 41	10.9653E+000.1060E+010.2650E+03
AL 40AL 41	10.9653E+000.1060E+010.2650E+03
AM 40AM 41	10.9653E+000.1060E+010.2650E+03
AN 40AN 41	10.9653E+000.1060E+010.2650E+03
AO 40AO 41	10.9653E+000.1060E+010.2650E+03
AP 40AP 41	10.9653E+000.1060E+010.2650E+03
AQ 40AQ 41	10.9653E+000.1060E+010.2650E+03
AR 40AR 41	10.9653E+000.1060E+010.2650E+03
AS 40AS 41	10.9653E+000.1060E+010.2650E+03
AT 40AT 41	10.9653E+000.1060E+010.1325E+00
A1 41A1 42	10.1060E+010.1164E+010.1458E+00
A2 41A2 42	10.1060E+010.1164E+010.1458E+03
A3 41A3 42	10.1060E+010.1164E+010.1458E+03
A4 41A4 42	10.1060E+010.1164E+010.1458E+03
A5 41A5 42	10.1060E+010.1164E+010.1458E+03
A6 41A6 42	10.1060E+010.1164E+010.1458E+03
A7 41A7 42	10.1060E+010.1164E+010.1458E+03



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A8 41A8 42	10.1060E+010.1164E+010.1458E+03
A9 41A9 42	10.1060E+010.1164E+010.1458E+03
AA 41AA 42	10.1060E+010.1164E+010.1458E+03
AB 41AB 42	10.1060E+010.1164E+010.1458E+03
AC 41AC 42	10.1060E+010.1164E+010.1458E+03
AD 41AD 42	10.1060E+010.1164E+010.1458E+03
AE 41AE 42	10.1060E+010.1164E+010.1458E+03
AF 41AF 42	10.1060E+010.1164E+010.1458E+03
AG 41AG 42	10.1060E+010.1164E+010.1458E+03
AH 41AH 42	10.1060E+010.1164E+010.1458E+03
AI 41AI 42	10.1060E+010.1164E+010.2917E+03
AJ 41AJ 42	10.1060E+010.1164E+010.2917E+03
AK 41AK 42	10.1060E+010.1164E+010.2917E+03
AL 41AL 42	10.1060E+010.1164E+010.2917E+03
AM 41AM 42	10.1060E+010.1164E+010.2917E+03
AN 41AN 42	10.1060E+010.1164E+010.2917E+03
AO 41AO 42	10.1060E+010.1164E+010.2917E+03
AP 41AP 42	10.1060E+010.1164E+010.2917E+03
AQ 41AQ 42	10.1060E+010.1164E+010.2917E+03
AR 41AR 42	10.1060E+010.1164E+010.2917E+03
AS 41AS 42	10.1060E+010.1164E+010.2917E+03
AT 41AT 42	10.1060E+010.1164E+010.1458E+00
A1 42A1 43	10.1164E+010.1279E+010.1605E+00
A2 42A2 43	10.1164E+010.1279E+010.1605E+03
A3 42A3 43	10.1164E+010.1279E+010.1605E+03
A4 42A4 43	10.1164E+010.1279E+010.1605E+03
A5 42A5 43	10.1164E+010.1279E+010.1605E+03
A6 42A6 43	10.1164E+010.1279E+010.1605E+03
A7 42A7 43	10.1164E+010.1279E+010.1605E+03
A8 42A8 43	10.1164E+010.1279E+010.1605E+03
A9 42A9 43	10.1164E+010.1279E+010.1605E+03
AA 42AA 43	10.1164E+010.1279E+010.1605E+03
AB 42AB 43	10.1164E+010.1279E+010.1605E+03
AC 42AC 43	10.1164E+010.1279E+010.1605E+03
AD 42AD 43	10.1164E+010.1279E+010.1605E+03
AE 42AE 43	10.1164E+010.1279E+010.1605E+03
AF 42AF 43	10.1164E+010.1279E+010.1605E+03
AG 42AG 43	10.1164E+010.1279E+010.1605E+03
AH 42AH 43	10.1164E+010.1279E+010.1605E+03
AI 42AI 43	10.1164E+010.1279E+010.3209E+03
AJ 42AJ 43	10.1164E+010.1279E+010.3209E+03
AK 42AK 43	10.1164E+010.1279E+010.3209E+03
AL 42AL 43	10.1164E+010.1279E+010.3209E+03
AM 42AM 43	10.1164E+010.1279E+010.3209E+03
AN 42AN 43	10.1164E+010.1279E+010.3209E+03
AO 42AO 43	10.1164E+010.1279E+010.3209E+03
AP 42AP 43	10.1164E+010.1279E+010.3209E+03
AQ 42AQ 43	10.1164E+010.1279E+010.3209E+03
AR 42AR 43	10.1164E+010.1279E+010.3209E+03
AS 42AS 43	10.1164E+010.1279E+010.3209E+03
AT 42AT 43	10.1164E+010.1279E+010.1605E+00
A1 43A1 44	10.1279E+010.1404E+010.1765E+00
A2 43A2 44	10.1279E+010.1404E+010.1765E+03
A3 43A3 44	10.1279E+010.1404E+010.1765E+03
A4 43A4 44	10.1279E+010.1404E+010.1765E+03

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A5 43A5 44	10.1279E+010.1404E+010.1765E+03
A6 43A6 44	10.1279E+010.1404E+010.1765E+03
A7 43A7 44	10.1279E+010.1404E+010.1765E+03
A8 43A8 44	10.1279E+010.1404E+010.1765E+03
A9 43A9 44	10.1279E+010.1404E+010.1765E+03
AA 43AA 44	10.1279E+010.1404E+010.1765E+03
AB 43AB 44	10.1279E+010.1404E+010.1765E+03
AC 43AC 44	10.1279E+010.1404E+010.1765E+03
AD 43AD 44	10.1279E+010.1404E+010.1765E+03
AE 43AE 44	10.1279E+010.1404E+010.1765E+03
AF 43AF 44	10.1279E+010.1404E+010.1765E+03
AG 43AG 44	10.1279E+010.1404E+010.1765E+03
AH 43AH 44	10.1279E+010.1404E+010.1765E+03
AI 43AI 44	10.1279E+010.1404E+010.3530E+03
AJ 43AJ 44	10.1279E+010.1404E+010.3530E+03
AK 43AK 44	10.1279E+010.1404E+010.3530E+03
AL 43AL 44	10.1279E+010.1404E+010.3530E+03
AM 43AM 44	10.1279E+010.1404E+010.3530E+03
AN 43AN 44	10.1279E+010.1404E+010.3530E+03
AO 43AO 44	10.1279E+010.1404E+010.3530E+03
AP 43AP 44	10.1279E+010.1404E+010.3530E+03
AQ 43AQ 44	10.1279E+010.1404E+010.3530E+03
AR 43AR 44	10.1279E+010.1404E+010.3530E+03
AS 43AS 44	10.1279E+010.1404E+010.3530E+03
AT 43AT 44	10.1279E+010.1404E+010.1765E+00
A1 44A1 45	10.1404E+010.1542E+010.1942E+00
A2 44A2 45	10.1404E+010.1542E+010.1942E+03
A3 44A3 45	10.1404E+010.1542E+010.1942E+03
A4 44A4 45	10.1404E+010.1542E+010.1942E+03
A5 44A5 45	10.1404E+010.1542E+010.1942E+03
A6 44A6 45	10.1404E+010.1542E+010.1942E+03
A7 44A7 45	10.1404E+010.1542E+010.1942E+03
A8 44A8 45	10.1404E+010.1542E+010.1942E+03
A9 44A9 45	10.1404E+010.1542E+010.1942E+03
AA 44AA 45	10.1404E+010.1542E+010.1942E+03
AB 44AB 45	10.1404E+010.1542E+010.1942E+03
AC 44AC 45	10.1404E+010.1542E+010.1942E+03
AD 44AD 45	10.1404E+010.1542E+010.1942E+03
AE 44AE 45	10.1404E+010.1542E+010.1942E+03
AF 44AF 45	10.1404E+010.1542E+010.1942E+03
AG 44AG 45	10.1404E+010.1542E+010.1942E+03
AH 44AH 45	10.1404E+010.1542E+010.1942E+03
AI 44AI 45	10.1404E+010.1542E+010.3883E+03
AJ 44AJ 45	10.1404E+010.1542E+010.3883E+03
AK 44AK 45	10.1404E+010.1542E+010.3883E+03
AL 44AL 45	10.1404E+010.1542E+010.3883E+03
AM 44AM 45	10.1404E+010.1542E+010.3883E+03
AN 44AN 45	10.1404E+010.1542E+010.3883E+03
AO 44AO 45	10.1404E+010.1542E+010.3883E+03
AP 44AP 45	10.1404E+010.1542E+010.3883E+03
AQ 44AQ 45	10.1404E+010.1542E+010.3883E+03
AR 44AR 45	10.1404E+010.1542E+010.3883E+03
AS 44AS 45	10.1404E+010.1542E+010.3883E+03
AT 44AT 45	10.1404E+010.1542E+010.1942E+00
A1 45A1 46	10.1542E+010.1693E+010.2135E+00

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A2 45A2 46	10.1542E+010.1693E+010.2135E+03
A3 45A3 46	10.1542E+010.1693E+010.2135E+03
A4 45A4 46	10.1542E+010.1693E+010.2135E+03
A5 45A5 46	10.1542E+010.1693E+010.2135E+03
A6 45A6 46	10.1542E+010.1693E+010.2135E+03
A7 45A7 46	10.1542E+010.1693E+010.2135E+03
A8 45A8 46	10.1542E+010.1693E+010.2135E+03
A9 45A9 46	10.1542E+010.1693E+010.2135E+03
AA 45AA 46	10.1542E+010.1693E+010.2135E+03
AB 45AB 46	10.1542E+010.1693E+010.2135E+03
AC 45AC 46	10.1542E+010.1693E+010.2135E+03
AD 45AD 46	10.1542E+010.1693E+010.2135E+03
AE 45AE 46	10.1542E+010.1693E+010.2135E+03
AF 45AF 46	10.1542E+010.1693E+010.2135E+03
AG 45AG 46	10.1542E+010.1693E+010.2135E+03
AH 45AH 46	10.1542E+010.1693E+010.2135E+03
AI 45AI 46	10.1542E+010.1693E+010.4271E+03
AJ 45AJ 46	10.1542E+010.1693E+010.4271E+03
AK 45AK 46	10.1542E+010.1693E+010.4271E+03
AL 45AL 46	10.1542E+010.1693E+010.4271E+03
AM 45AM 46	10.1542E+010.1693E+010.4271E+03
AN 45AN 46	10.1542E+010.1693E+010.4271E+03
AO 45AO 46	10.1542E+010.1693E+010.4271E+03
AP 45AP 46	10.1542E+010.1693E+010.4271E+03
AQ 45AQ 46	10.1542E+010.1693E+010.4271E+03
AR 45AR 46	10.1542E+010.1693E+010.4271E+03
AS 45AS 46	10.1542E+010.1693E+010.4271E+03
AT 45AT 46	10.1542E+010.1693E+010.2135E+00
A1 46A1 47	10.1693E+010.1860E+010.2348E+00
A2 46A2 47	10.1693E+010.1860E+010.2348E+03
A3 46A3 47	10.1693E+010.1860E+010.2348E+03
A4 46A4 47	10.1693E+010.1860E+010.2348E+03
A5 46A5 47	10.1693E+010.1860E+010.2348E+03
A6 46A6 47	10.1693E+010.1860E+010.2348E+03
A7 46A7 47	10.1693E+010.1860E+010.2348E+03
A8 46A8 47	10.1693E+010.1860E+010.2348E+03
A9 46A9 47	10.1693E+010.1860E+010.2348E+03
AA 46AA 47	10.1693E+010.1860E+010.2348E+03
AB 46AB 47	10.1693E+010.1860E+010.2348E+03
AC 46AC 47	10.1693E+010.1860E+010.2348E+03
AD 46AD 47	10.1693E+010.1860E+010.2348E+03
AE 46AE 47	10.1693E+010.1860E+010.2348E+03
AF 46AF 47	10.1693E+010.1860E+010.2348E+03
AG 46AG 47	10.1693E+010.1860E+010.2348E+03
AH 46AH 47	10.1693E+010.1860E+010.2348E+03
AI 46AI 47	10.1693E+010.1860E+010.4696E+03
AJ 46AJ 47	10.1693E+010.1860E+010.4696E+03
AK 46AK 47	10.1693E+010.1860E+010.4696E+03
AL 46AL 47	10.1693E+010.1860E+010.4696E+03
AM 46AM 47	10.1693E+010.1860E+010.4696E+03
AN 46AN 47	10.1693E+010.1860E+010.4696E+03
AO 46AO 47	10.1693E+010.1860E+010.4696E+03
AP 46AP 47	10.1693E+010.1860E+010.4696E+03
AQ 46AQ 47	10.1693E+010.1860E+010.4696E+03
AR 46AR 47	10.1693E+010.1860E+010.4696E+03

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AS 46AS 47	10.1693E+010.1860E+010.4696E+03
AT 46AT 47	10.1693E+010.1860E+010.2348E+00
A1 47A1 48	10.1860E+010.2042E+010.2582E+00
A2 47A2 48	10.1860E+010.2042E+010.2582E+03
A3 47A3 48	10.1860E+010.2042E+010.2582E+03
A4 47A4 48	10.1860E+010.2042E+010.2582E+03
A5 47A5 48	10.1860E+010.2042E+010.2582E+03
A6 47A6 48	10.1860E+010.2042E+010.2582E+03
A7 47A7 48	10.1860E+010.2042E+010.2582E+03
A8 47A8 48	10.1860E+010.2042E+010.2582E+03
A9 47A9 48	10.1860E+010.2042E+010.2582E+03
AA 47AA 48	10.1860E+010.2042E+010.2582E+03
AB 47AB 48	10.1860E+010.2042E+010.2582E+03
AC 47AC 48	10.1860E+010.2042E+010.2582E+03
AD 47AD 48	10.1860E+010.2042E+010.2582E+03
AE 47AE 48	10.1860E+010.2042E+010.2582E+03
AF 47AF 48	10.1860E+010.2042E+010.2582E+03
AG 47AG 48	10.1860E+010.2042E+010.2582E+03
AH 47AH 48	10.1860E+010.2042E+010.2582E+03
AI 47AI 48	10.1860E+010.2042E+010.5164E+03
AJ 47AJ 48	10.1860E+010.2042E+010.5164E+03
AK 47AK 48	10.1860E+010.2042E+010.5164E+03
AL 47AL 48	10.1860E+010.2042E+010.5164E+03
AM 47AM 48	10.1860E+010.2042E+010.5164E+03
AN 47AN 48	10.1860E+010.2042E+010.5164E+03
AO 47AO 48	10.1860E+010.2042E+010.5164E+03
AP 47AP 48	10.1860E+010.2042E+010.5164E+03
AQ 47AQ 48	10.1860E+010.2042E+010.5164E+03
AR 47AR 48	10.1860E+010.2042E+010.5164E+03
AS 47AS 48	10.1860E+010.2042E+010.5164E+03
AT 47AT 48	10.1860E+010.2042E+010.2582E+00
A1 48A1 49	10.2042E+010.2243E+010.2839E+00
A2 48A2 49	10.2042E+010.2243E+010.2839E+03
A3 48A3 49	10.2042E+010.2243E+010.2839E+03
A4 48A4 49	10.2042E+010.2243E+010.2839E+03
A5 48A5 49	10.2042E+010.2243E+010.2839E+03
A6 48A6 49	10.2042E+010.2243E+010.2839E+03
A7 48A7 49	10.2042E+010.2243E+010.2839E+03
A8 48A8 49	10.2042E+010.2243E+010.2839E+03
A9 48A9 49	10.2042E+010.2243E+010.2839E+03
AA 48AA 49	10.2042E+010.2243E+010.2839E+03
AB 48AB 49	10.2042E+010.2243E+010.2839E+03
AC 48AC 49	10.2042E+010.2243E+010.2839E+03
AD 48AD 49	10.2042E+010.2243E+010.2839E+03
AE 48AE 49	10.2042E+010.2243E+010.2839E+03
AF 48AF 49	10.2042E+010.2243E+010.2839E+03
AG 48AG 49	10.2042E+010.2243E+010.2839E+03
AH 48AH 49	10.2042E+010.2243E+010.2839E+03
AI 48AI 49	10.2042E+010.2243E+010.5677E+03
AJ 48AJ 49	10.2042E+010.2243E+010.5677E+03
AK 48AK 49	10.2042E+010.2243E+010.5677E+03
AL 48AL 49	10.2042E+010.2243E+010.5677E+03
AM 48AM 49	10.2042E+010.2243E+010.5677E+03
AN 48AN 49	10.2042E+010.2243E+010.5677E+03
AO 48AO 49	10.2042E+010.2243E+010.5677E+03

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AP 48AP 49	10.2042E+010.2243E+010.5677E+03
AQ 48AQ 49	10.2042E+010.2243E+010.5677E+03
AR 48AR 49	10.2042E+010.2243E+010.5677E+03
AS 48AS 49	10.2042E+010.2243E+010.5677E+03
AT 48AT 49	10.2042E+010.2243E+010.2839E+00
A1 49A1 50	10.2243E+010.2463E+010.3120E+00
A2 49A2 50	10.2243E+010.2463E+010.3120E+03
A3 49A3 50	10.2243E+010.2463E+010.3120E+03
A4 49A4 50	10.2243E+010.2463E+010.3120E+03
A5 49A5 50	10.2243E+010.2463E+010.3120E+03
A6 49A6 50	10.2243E+010.2463E+010.3120E+03
A7 49A7 50	10.2243E+010.2463E+010.3120E+03
A8 49A8 50	10.2243E+010.2463E+010.3120E+03
A9 49A9 50	10.2243E+010.2463E+010.3120E+03
AA 49AA 50	10.2243E+010.2463E+010.3120E+03
AB 49AB 50	10.2243E+010.2463E+010.3120E+03
AC 49AC 50	10.2243E+010.2463E+010.3120E+03
AD 49AD 50	10.2243E+010.2463E+010.3120E+03
AE 49AE 50	10.2243E+010.2463E+010.3120E+03
AF 49AF 50	10.2243E+010.2463E+010.3120E+03
AG 49AG 50	10.2243E+010.2463E+010.3120E+03
AH 49AH 50	10.2243E+010.2463E+010.3120E+03
AI 49AI 50	10.2243E+010.2463E+010.6241E+03
AJ 49AJ 50	10.2243E+010.2463E+010.6241E+03
AK 49AK 50	10.2243E+010.2463E+010.6241E+03
AL 49AL 50	10.2243E+010.2463E+010.6241E+03
AM 49AM 50	10.2243E+010.2463E+010.6241E+03
AN 49AN 50	10.2243E+010.2463E+010.6241E+03
AO 49AO 50	10.2243E+010.2463E+010.6241E+03
AP 49AP 50	10.2243E+010.2463E+010.6241E+03
AQ 49AQ 50	10.2243E+010.2463E+010.6241E+03
AR 49AR 50	10.2243E+010.2463E+010.6241E+03
AS 49AS 50	10.2243E+010.2463E+010.6241E+03
AT 49AT 50	10.2243E+010.2463E+010.3120E+00
A1 50A1 51	10.2463E+010.2705E+010.3430E+00
A2 50A2 51	10.2463E+010.2705E+010.3430E+03
A3 50A3 51	10.2463E+010.2705E+010.3430E+03
A4 50A4 51	10.2463E+010.2705E+010.3430E+03
A5 50A5 51	10.2463E+010.2705E+010.3430E+03
A6 50A6 51	10.2463E+010.2705E+010.3430E+03
A7 50A7 51	10.2463E+010.2705E+010.3430E+03
A8 50A8 51	10.2463E+010.2705E+010.3430E+03
A9 50A9 51	10.2463E+010.2705E+010.3430E+03
AA 50AA 51	10.2463E+010.2705E+010.3430E+03
AB 50AB 51	10.2463E+010.2705E+010.3430E+03
AC 50AC 51	10.2463E+010.2705E+010.3430E+03
AD 50AD 51	10.2463E+010.2705E+010.3430E+03
AE 50AE 51	10.2463E+010.2705E+010.3430E+03
AF 50AF 51	10.2463E+010.2705E+010.3430E+03
AG 50AG 51	10.2463E+010.2705E+010.3430E+03
AH 50AH 51	10.2463E+010.2705E+010.3430E+03
AI 50AI 51	10.2463E+010.2705E+010.6860E+03
AJ 50AJ 51	10.2463E+010.2705E+010.6860E+03
AK 50AK 51	10.2463E+010.2705E+010.6860E+03
AL 50AL 51	10.2463E+010.2705E+010.6860E+03

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AM 50AM 51	10.2463E+010.2705E+010.6860E+03
AN 50AN 51	10.2463E+010.2705E+010.6860E+03
AO 50AO 51	10.2463E+010.2705E+010.6860E+03
AP 50AP 51	10.2463E+010.2705E+010.6860E+03
AQ 50AQ 51	10.2463E+010.2705E+010.6860E+03
AR 50AR 51	10.2463E+010.2705E+010.6860E+03
AS 50AS 51	10.2463E+010.2705E+010.6860E+03
AT 50AT 51	10.2463E+010.2705E+010.3430E+00
A1 51A1 52	10.2705E+010.4068E+010.3770E+00
A2 51A2 52	10.2705E+010.4068E+010.3770E+03
A3 51A3 52	10.2705E+010.4068E+010.3770E+03
A4 51A4 52	10.2705E+010.4068E+010.3770E+03
A5 51A5 52	10.2705E+010.4068E+010.3770E+03
A6 51A6 52	10.2705E+010.4068E+010.3770E+03
A7 51A7 52	10.2705E+010.4068E+010.3770E+03
A8 51A8 52	10.2705E+010.4068E+010.3770E+03
A9 51A9 52	10.2705E+010.4068E+010.3770E+03
AA 51AA 52	10.2705E+010.4068E+010.3770E+03
AB 51AB 52	10.2705E+010.4068E+010.3770E+03
AC 51AC 52	10.2705E+010.4068E+010.3770E+03
AD 51AD 52	10.2705E+010.4068E+010.3770E+03
AE 51AE 52	10.2705E+010.4068E+010.3770E+03
AF 51AF 52	10.2705E+010.4068E+010.3770E+03
AG 51AG 52	10.2705E+010.4068E+010.3770E+03
AH 51AH 52	10.2705E+010.4068E+010.3770E+03
AI 51AI 52	10.2705E+010.4068E+010.7540E+03
AJ 51AJ 52	10.2705E+010.4068E+010.7540E+03
AK 51AK 52	10.2705E+010.4068E+010.7540E+03
AL 51AL 52	10.2705E+010.4068E+010.7540E+03
AM 51AM 52	10.2705E+010.4068E+010.7540E+03
AN 51AN 52	10.2705E+010.4068E+010.7540E+03
AO 51AO 52	10.2705E+010.4068E+010.7540E+03
AP 51AP 52	10.2705E+010.4068E+010.7540E+03
AQ 51AQ 52	10.2705E+010.4068E+010.7540E+03
AR 51AR 52	10.2705E+010.4068E+010.7540E+03
AS 51AS 52	10.2705E+010.4068E+010.7540E+03
AT 51AT 52	10.2705E+010.4068E+010.3770E+00
A1 52A1 53	10.4068E+010.6119E+010.4281E+00
A2 52A2 53	10.4068E+010.6119E+010.4281E+03
A3 52A3 53	10.4068E+010.6119E+010.4281E+03
A4 52A4 53	10.4068E+010.6119E+010.4281E+03
A5 52A5 53	10.4068E+010.6119E+010.4281E+03
A6 52A6 53	10.4068E+010.6119E+010.4281E+03
A7 52A7 53	10.4068E+010.6119E+010.4281E+03
A8 52A8 53	10.4068E+010.6119E+010.4281E+03
A9 52A9 53	10.4068E+010.6119E+010.4281E+03
AA 52AA 53	10.4068E+010.6119E+010.4281E+03
AB 52AB 53	10.4068E+010.6119E+010.4281E+03
AC 52AC 53	10.4068E+010.6119E+010.4281E+03
AD 52AD 53	10.4068E+010.6119E+010.4281E+03
AE 52AE 53	10.4068E+010.6119E+010.4281E+03
AF 52AF 53	10.4068E+010.6119E+010.4281E+03
AG 52AG 53	10.4068E+010.6119E+010.4281E+03
AH 52AH 53	10.4068E+010.6119E+010.4281E+03
AI 52AI 53	10.4068E+010.6119E+010.8562E+03

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AJ 52AJ 53	10.4068E+010.6119E+010.8562E+03
AK 52AK 53	10.4068E+010.6119E+010.8562E+03
AL 52AL 53	10.4068E+010.6119E+010.8562E+03
AM 52AM 53	10.4068E+010.6119E+010.8562E+03
AN 52AN 53	10.4068E+010.6119E+010.8562E+03
AO 52AO 53	10.4068E+010.6119E+010.8562E+03
AP 52AP 53	10.4068E+010.6119E+010.8562E+03
AQ 52AQ 53	10.4068E+010.6119E+010.8562E+03
AR 52AR 53	10.4068E+010.6119E+010.8562E+03
AS 52AS 53	10.4068E+010.6119E+010.8562E+03
AT 52AT 53	10.4068E+010.6119E+010.4281E+00
A1 53A1 54	10.6119E+010.9203E+010.5050E+00
A2 53A2 54	10.6119E+010.9203E+010.5050E+03
A3 53A3 54	10.6119E+010.9203E+010.5050E+03
A4 53A4 54	10.6119E+010.9203E+010.5050E+03
A5 53A5 54	10.6119E+010.9203E+010.5050E+03
A6 53A6 54	10.6119E+010.9203E+010.5050E+03
A7 53A7 54	10.6119E+010.9203E+010.5050E+03
A8 53A8 54	10.6119E+010.9203E+010.5050E+03
A9 53A9 54	10.6119E+010.9203E+010.5050E+03
AA 53AA 54	10.6119E+010.9203E+010.5050E+03
AB 53AB 54	10.6119E+010.9203E+010.5050E+03
AC 53AC 54	10.6119E+010.9203E+010.5050E+03
AD 53AD 54	10.6119E+010.9203E+010.5050E+03
AE 53AE 54	10.6119E+010.9203E+010.5050E+03
AF 53AF 54	10.6119E+010.9203E+010.5050E+03
AG 53AG 54	10.6119E+010.9203E+010.5050E+03
AH 53AH 54	10.6119E+010.9203E+010.5050E+03
AI 53AI 54	10.6119E+010.9203E+010.1010E+04
AJ 53AJ 54	10.6119E+010.9203E+010.1010E+04
AK 53AK 54	10.6119E+010.9203E+010.1010E+04
AL 53AL 54	10.6119E+010.9203E+010.1010E+04
AM 53AM 54	10.6119E+010.9203E+010.1010E+04
AN 53AN 54	10.6119E+010.9203E+010.1010E+04
AO 53AO 54	10.6119E+010.9203E+010.1010E+04
AP 53AP 54	10.6119E+010.9203E+010.1010E+04
AQ 53AQ 54	10.6119E+010.9203E+010.1010E+04
AR 53AR 54	10.6119E+010.9203E+010.1010E+04
AS 53AS 54	10.6119E+010.9203E+010.1010E+04
AT 53AT 54	10.6119E+010.9203E+010.5050E+00
A1 54A1 55	10.9203E+010.1384E+020.6207E+00
A2 54A2 55	10.9203E+010.1384E+020.6207E+03
A3 54A3 55	10.9203E+010.1384E+020.6207E+03
A4 54A4 55	10.9203E+010.1384E+020.6207E+03
A5 54A5 55	10.9203E+010.1384E+020.6207E+03
A6 54A6 55	10.9203E+010.1384E+020.6207E+03
A7 54A7 55	10.9203E+010.1384E+020.6207E+03
A8 54A8 55	10.9203E+010.1384E+020.6207E+03
A9 54A9 55	10.9203E+010.1384E+020.6207E+03
AA 54AA 55	10.9203E+010.1384E+020.6207E+03
AB 54AB 55	10.9203E+010.1384E+020.6207E+03
AC 54AC 55	10.9203E+010.1384E+020.6207E+03
AD 54AD 55	10.9203E+010.1384E+020.6207E+03
AE 54AE 55	10.9203E+010.1384E+020.6207E+03
AF 54AF 55	10.9203E+010.1384E+020.6207E+03

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AG 54AG 55	10.9203E+010.1384E+020.6207E+03
AH 54AH 55	10.9203E+010.1384E+020.6207E+03
AI 54AI 55	10.9203E+010.1384E+020.1241E+04
AJ 54AJ 55	10.9203E+010.1384E+020.1241E+04
AK 54AK 55	10.9203E+010.1384E+020.1241E+04
AL 54AL 55	10.9203E+010.1384E+020.1241E+04
AM 54AM 55	10.9203E+010.1384E+020.1241E+04
AN 54AN 55	10.9203E+010.1384E+020.1241E+04
AO 54AO 55	10.9203E+010.1384E+020.1241E+04
AP 54AP 55	10.9203E+010.1384E+020.1241E+04
AQ 54AQ 55	10.9203E+010.1384E+020.1241E+04
AR 54AR 55	10.9203E+010.1384E+020.1241E+04
AS 54AS 55	10.9203E+010.1384E+020.1241E+04
AT 54AT 55	10.9203E+010.1384E+020.6207E+00
A1 55A1 56	10.1384E+020.2082E+020.7946E+00
A2 55A2 56	10.1384E+020.2082E+020.7946E+03
A3 55A3 56	10.1384E+020.2082E+020.7946E+03
A4 55A4 56	10.1384E+020.2082E+020.7946E+03
A5 55A5 56	10.1384E+020.2082E+020.7946E+03
A6 55A6 56	10.1384E+020.2082E+020.7946E+03
A7 55A7 56	10.1384E+020.2082E+020.7946E+03
A8 55A8 56	10.1384E+020.2082E+020.7946E+03
A9 55A9 56	10.1384E+020.2082E+020.7946E+03
AA 55AA 56	10.1384E+020.2082E+020.7946E+03
AB 55AB 56	10.1384E+020.2082E+020.7946E+03
AC 55AC 56	10.1384E+020.2082E+020.7946E+03
AD 55AD 56	10.1384E+020.2082E+020.7946E+03
AE 55AE 56	10.1384E+020.2082E+020.7946E+03
AF 55AF 56	10.1384E+020.2082E+020.7946E+03
AG 55AG 56	10.1384E+020.2082E+020.7946E+03
AH 55AH 56	10.1384E+020.2082E+020.7946E+03
AI 55AI 56	10.1384E+020.2082E+020.1589E+04
AJ 55AJ 56	10.1384E+020.2082E+020.1589E+04
AK 55AK 56	10.1384E+020.2082E+020.1589E+04
AL 55AL 56	10.1384E+020.2082E+020.1589E+04
AM 55AM 56	10.1384E+020.2082E+020.1589E+04
AN 55AN 56	10.1384E+020.2082E+020.1589E+04
AO 55AO 56	10.1384E+020.2082E+020.1589E+04
AP 55AP 56	10.1384E+020.2082E+020.1589E+04
AQ 55AQ 56	10.1384E+020.2082E+020.1589E+04
AR 55AR 56	10.1384E+020.2082E+020.1589E+04
AS 55AS 56	10.1384E+020.2082E+020.1589E+04
AT 55AT 56	10.1384E+020.2082E+020.7946E+00
A1 56A1 57	10.2082E+020.3131E+020.1056E+01
A2 56A2 57	10.2082E+020.3131E+020.1056E+04
A3 56A3 57	10.2082E+020.3131E+020.1056E+04
A4 56A4 57	10.2082E+020.3131E+020.1056E+04
A5 56A5 57	10.2082E+020.3131E+020.1056E+04
A6 56A6 57	10.2082E+020.3131E+020.1056E+04
A7 56A7 57	10.2082E+020.3131E+020.1056E+04
A8 56A8 57	10.2082E+020.3131E+020.1056E+04
A9 56A9 57	10.2082E+020.3131E+020.1056E+04
AA 56AA 57	10.2082E+020.3131E+020.1056E+04
AB 56AB 57	10.2082E+020.3131E+020.1056E+04
AC 56AC 57	10.2082E+020.3131E+020.1056E+04



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AD 56AD 57	10.2082E+020.3131E+020.1056E+04
AE 56AE 57	10.2082E+020.3131E+020.1056E+04
AF 56AF 57	10.2082E+020.3131E+020.1056E+04
AG 56AG 57	10.2082E+020.3131E+020.1056E+04
AH 56AH 57	10.2082E+020.3131E+020.1056E+04
AI 56AI 57	10.2082E+020.3131E+020.2112E+04
AJ 56AJ 57	10.2082E+020.3131E+020.2112E+04
AK 56AK 57	10.2082E+020.3131E+020.2112E+04
AL 56AL 57	10.2082E+020.3131E+020.2112E+04
AM 56AM 57	10.2082E+020.3131E+020.2112E+04
AN 56AN 57	10.2082E+020.3131E+020.2112E+04
AO 56AO 57	10.2082E+020.3131E+020.2112E+04
AP 56AP 57	10.2082E+020.3131E+020.2112E+04
AQ 56AQ 57	10.2082E+020.3131E+020.2112E+04
AR 56AR 57	10.2082E+020.3131E+020.2112E+04
AS 56AS 57	10.2082E+020.3131E+020.2112E+04
AT 56AT 57	10.2082E+020.3131E+020.1056E+01
A1 57A1 58	10.3131E+020.4709E+020.1450E+01
A2 57A2 58	10.3131E+020.4709E+020.1450E+04
A3 57A3 58	10.3131E+020.4709E+020.1450E+04
A4 57A4 58	10.3131E+020.4709E+020.1450E+04
A5 57A5 58	10.3131E+020.4709E+020.1450E+04
A6 57A6 58	10.3131E+020.4709E+020.1450E+04
A7 57A7 58	10.3131E+020.4709E+020.1450E+04
A8 57A8 58	10.3131E+020.4709E+020.1450E+04
A9 57A9 58	10.3131E+020.4709E+020.1450E+04
AA 57AA 58	10.3131E+020.4709E+020.1450E+04
AB 57AB 58	10.3131E+020.4709E+020.1450E+04
AC 57AC 58	10.3131E+020.4709E+020.1450E+04
AD 57AD 58	10.3131E+020.4709E+020.1450E+04
AE 57AE 58	10.3131E+020.4709E+020.1450E+04
AF 57AF 58	10.3131E+020.4709E+020.1450E+04
AG 57AG 58	10.3131E+020.4709E+020.1450E+04
AH 57AH 58	10.3131E+020.4709E+020.1450E+04
AI 57AI 58	10.3131E+020.4709E+020.2899E+04
AJ 57AJ 58	10.3131E+020.4709E+020.2899E+04
AK 57AK 58	10.3131E+020.4709E+020.2899E+04
AL 57AL 58	10.3131E+020.4709E+020.2899E+04
AM 57AM 58	10.3131E+020.4709E+020.2899E+04
AN 57AN 58	10.3131E+020.4709E+020.2899E+04
AO 57AO 58	10.3131E+020.4709E+020.2899E+04
AP 57AP 58	10.3131E+020.4709E+020.2899E+04
AQ 57AQ 58	10.3131E+020.4709E+020.2899E+04
AR 57AR 58	10.3131E+020.4709E+020.2899E+04
AS 57AS 58	10.3131E+020.4709E+020.2899E+04
AT 57AT 58	10.3131E+020.4709E+020.1450E+01
A1 58A1 59	10.4709E+020.7082E+020.2041E+01
A2 58A2 59	10.4709E+020.7082E+020.2041E+04
A3 58A3 59	10.4709E+020.7082E+020.2041E+04
A4 58A4 59	10.4709E+020.7082E+020.2041E+04
A5 58A5 59	10.4709E+020.7082E+020.2041E+04
A6 58A6 59	10.4709E+020.7082E+020.2041E+04
A7 58A7 59	10.4709E+020.7082E+020.2041E+04
A8 58A8 59	10.4709E+020.7082E+020.2041E+04
A9 58A9 59	10.4709E+020.7082E+020.2041E+04

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AA 58AA 59	10.4709E+020.7082E+020.2041E+04
AB 58AB 59	10.4709E+020.7082E+020.2041E+04
AC 58AC 59	10.4709E+020.7082E+020.2041E+04
AD 58AD 59	10.4709E+020.7082E+020.2041E+04
AE 58AE 59	10.4709E+020.7082E+020.2041E+04
AF 58AF 59	10.4709E+020.7082E+020.2041E+04
AG 58AG 59	10.4709E+020.7082E+020.2041E+04
AH 58AH 59	10.4709E+020.7082E+020.2041E+04
AI 58AI 59	10.4709E+020.7082E+020.4083E+04
AJ 58AJ 59	10.4709E+020.7082E+020.4083E+04
AK 58AK 59	10.4709E+020.7082E+020.4083E+04
AL 58AL 59	10.4709E+020.7082E+020.4083E+04
AM 58AM 59	10.4709E+020.7082E+020.4083E+04
AN 58AN 59	10.4709E+020.7082E+020.4083E+04
AO 58AO 59	10.4709E+020.7082E+020.4083E+04
AP 58AP 59	10.4709E+020.7082E+020.4083E+04
AQ 58AQ 59	10.4709E+020.7082E+020.4083E+04
AR 58AR 59	10.4709E+020.7082E+020.4083E+04
AS 58AS 59	10.4709E+020.7082E+020.4083E+04
AT 58AT 59	10.4709E+020.7082E+020.2041E+01
A1 59A1 60	10.7082E+020.1065E+030.2931E+01
A2 59A2 60	10.7082E+020.1065E+030.2931E+04
A3 59A3 60	10.7082E+020.1065E+030.2931E+04
A4 59A4 60	10.7082E+020.1065E+030.2931E+04
A5 59A5 60	10.7082E+020.1065E+030.2931E+04
A6 59A6 60	10.7082E+020.1065E+030.2931E+04
A7 59A7 60	10.7082E+020.1065E+030.2931E+04
A8 59A8 60	10.7082E+020.1065E+030.2931E+04
A9 59A9 60	10.7082E+020.1065E+030.2931E+04
AA 59AA 60	10.7082E+020.1065E+030.2931E+04
AB 59AB 60	10.7082E+020.1065E+030.2931E+04
AC 59AC 60	10.7082E+020.1065E+030.2931E+04
AD 59AD 60	10.7082E+020.1065E+030.2931E+04
AE 59AE 60	10.7082E+020.1065E+030.2931E+04
AF 59AF 60	10.7082E+020.1065E+030.2931E+04
AG 59AG 60	10.7082E+020.1065E+030.2931E+04
AH 59AH 60	10.7082E+020.1065E+030.2931E+04
AI 59AI 60	10.7082E+020.1065E+030.5863E+04
AJ 59AJ 60	10.7082E+020.1065E+030.5863E+04
AK 59AK 60	10.7082E+020.1065E+030.5863E+04
AL 59AL 60	10.7082E+020.1065E+030.5863E+04
AM 59AM 60	10.7082E+020.1065E+030.5863E+04
AN 59AN 60	10.7082E+020.1065E+030.5863E+04
AO 59AO 60	10.7082E+020.1065E+030.5863E+04
AP 59AP 60	10.7082E+020.1065E+030.5863E+04
AQ 59AQ 60	10.7082E+020.1065E+030.5863E+04
AR 59AR 60	10.7082E+020.1065E+030.5863E+04
AS 59AS 60	10.7082E+020.1065E+030.5863E+04
AT 59AT 60	10.7082E+020.1065E+030.2931E+01
A1 60A1 61	10.1065E+030.1602E+030.4270E+01
A2 60A2 61	10.1065E+030.1602E+030.4270E+04
A3 60A3 61	10.1065E+030.1602E+030.4270E+04
A4 60A4 61	10.1065E+030.1602E+030.4270E+04
A5 60A5 61	10.1065E+030.1602E+030.4270E+04
A6 60A6 61	10.1065E+030.1602E+030.4270E+04

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A7 60A7 61	10.1065E+030.1602E+030.4270E+04
A8 60A8 61	10.1065E+030.1602E+030.4270E+04
A9 60A9 61	10.1065E+030.1602E+030.4270E+04
AA 60AA 61	10.1065E+030.1602E+030.4270E+04
AB 60AB 61	10.1065E+030.1602E+030.4270E+04
AC 60AC 61	10.1065E+030.1602E+030.4270E+04
AD 60AD 61	10.1065E+030.1602E+030.4270E+04
AE 60AE 61	10.1065E+030.1602E+030.4270E+04
AF 60AF 61	10.1065E+030.1602E+030.4270E+04
AG 60AG 61	10.1065E+030.1602E+030.4270E+04
AH 60AH 61	10.1065E+030.1602E+030.4270E+04
AI 60AI 61	10.1065E+030.1602E+030.8540E+04
AJ 60AJ 61	10.1065E+030.1602E+030.8540E+04
AK 60AK 61	10.1065E+030.1602E+030.8540E+04
AL 60AL 61	10.1065E+030.1602E+030.8540E+04
AM 60AM 61	10.1065E+030.1602E+030.8540E+04
AN 60AN 61	10.1065E+030.1602E+030.8540E+04
AO 60AO 61	10.1065E+030.1602E+030.8540E+04
AP 60AP 61	10.1065E+030.1602E+030.8540E+04
AQ 60AQ 61	10.1065E+030.1602E+030.8540E+04
AR 60AR 61	10.1065E+030.1602E+030.8540E+04
AS 60AS 61	10.1065E+030.1602E+030.8540E+04
AT 60AT 61	10.1065E+030.1602E+030.4270E+01
A1 61A1 62	10.1602E+030.5000E-030.6283E+01
A2 61A2 62	10.1602E+030.5000E-030.6283E+04
A3 61A3 62	10.1602E+030.5000E-030.6283E+04
A4 61A4 62	10.1602E+030.5000E-030.6283E+04
A5 61A5 62	10.1602E+030.5000E-030.6283E+04
A6 61A6 62	10.1602E+030.5000E-030.6283E+04
A7 61A7 62	10.1602E+030.5000E-030.6283E+04
A8 61A8 62	10.1602E+030.5000E-030.6283E+04
A9 61A9 62	10.1602E+030.5000E-030.6283E+04
AA 61AA 62	10.1602E+030.5000E-030.6283E+04
AB 61AB 62	10.1602E+030.5000E-030.6283E+04
AC 61AC 62	10.1602E+030.5000E-030.6283E+04
AD 61AD 62	10.1602E+030.5000E-030.6283E+04
AE 61AE 62	10.1602E+030.5000E-030.6283E+04
AF 61AF 62	10.1602E+030.5000E-030.6283E+04
AG 61AG 62	10.1602E+030.5000E-030.6283E+04
AH 61AH 62	10.1602E+030.5000E-030.6283E+04
AI 61AI 62	10.1602E+030.5000E-030.1257E+05
AJ 61AJ 62	10.1602E+030.5000E-030.1257E+05
AK 61AK 62	10.1602E+030.5000E-030.1257E+05
AL 61AL 62	10.1602E+030.5000E-030.1257E+05
AM 61AM 62	10.1602E+030.5000E-030.1257E+05
AN 61AN 62	10.1602E+030.5000E-030.1257E+05
AO 61AO 62	10.1602E+030.5000E-030.1257E+05
AP 61AP 62	10.1602E+030.5000E-030.1257E+05
AQ 61AQ 62	10.1602E+030.5000E-030.1257E+05
AR 61AR 62	10.1602E+030.5000E-030.1257E+05
AS 61AS 62	10.1602E+030.5000E-030.1257E+05
AT 61AT 62	10.1602E+030.5000E-030.6283E+01
A1 1A2 1	30.5000E-030.5000E+000.1100E-011.
A2 1A3 1	30.5000E+000.5000E+000.1100E-011.
A3 1A4 1	30.5000E+000.5000E+000.1100E-011.

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A4	1A5	1	30.5000E+000.5000E+000.1100E-011.
A5	1A6	1	30.5000E+000.5000E+000.1100E-011.
A6	1A7	1	30.5000E+000.5000E+000.1100E-011.
A7	1A8	1	30.5000E+000.5000E+000.1100E-011.
A8	1A9	1	30.5000E+000.5000E+000.1100E-011.
A9	1AA	1	30.5000E+000.5000E+000.1100E-011.
AA	1AB	1	30.5000E+000.5000E+000.1100E-011.
AB	1AC	1	30.5000E+000.5000E+000.1100E-011.
AC	1AD	1	30.5000E+000.5000E+000.1100E-011.
AD	1AE	1	30.5000E+000.5000E+000.1100E-011.
AE	1AF	1	30.5000E+000.5000E+000.1100E-011.
AF	1AG	1	30.5000E+000.5000E+000.1100E-011.
AG	1AH	1	30.5000E+000.5000E+000.1100E-011.
AH	1AI	1	30.5000E+000.1000E+010.1100E-011.
AI	1AJ	1	30.1000E+010.1000E+010.1100E-011.
AJ	1AK	1	30.1000E+010.1000E+010.1100E-011.
AK	1AL	1	30.1000E+010.1000E+010.1100E-011.
AL	1AM	1	30.1000E+010.1000E+010.1100E-011.
AM	1AN	1	30.1000E+010.1000E+010.1100E-011.
AN	1AO	1	30.1000E+010.1000E+010.1100E-011.
AO	1AP	1	30.1000E+010.1000E+010.1100E-011.
AP	1AQ	1	30.1000E+010.1000E+010.1100E-011.
AQ	1AR	1	30.1000E+010.1000E+010.1100E-011.
AR	1AS	1	30.1000E+010.1000E+010.1100E-011.
AS	1AT	1	30.1000E+010.5000E-030.1100E-011.
A1	2A2	2	30.5000E-030.5000E+000.3017E-011.
A2	2A3	2	30.5000E+000.5000E+000.3017E-011.
A3	2A4	2	30.5000E+000.5000E+000.3017E-011.
A4	2A5	2	30.5000E+000.5000E+000.3017E-011.
A5	2A6	2	30.5000E+000.5000E+000.3017E-011.
A6	2A7	2	30.5000E+000.5000E+000.3017E-011.
A7	2A8	2	30.5000E+000.5000E+000.3017E-011.
A8	2A9	2	30.5000E+000.5000E+000.3017E-011.
A9	2AA	2	30.5000E+000.5000E+000.3017E-011.
AA	2AB	2	30.5000E+000.5000E+000.3017E-011.
AB	2AC	2	30.5000E+000.5000E+000.3017E-011.
AC	2AD	2	30.5000E+000.5000E+000.3017E-011.
AD	2AE	2	30.5000E+000.5000E+000.3017E-011.
AE	2AF	2	30.5000E+000.5000E+000.3017E-011.
AF	2AG	2	30.5000E+000.5000E+000.3017E-011.
AG	2AH	2	30.5000E+000.5000E+000.3017E-011.
AH	2AI	2	30.5000E+000.1000E+010.3017E-011.
AI	2AJ	2	30.1000E+010.1000E+010.3017E-011.
AJ	2AK	2	30.1000E+010.1000E+010.3017E-011.
AK	2AL	2	30.1000E+010.1000E+010.3017E-011.
AL	2AM	2	30.1000E+010.1000E+010.3017E-011.
AM	2AN	2	30.1000E+010.1000E+010.3017E-011.
AN	2AO	2	30.1000E+010.1000E+010.3017E-011.
AO	2AP	2	30.1000E+010.1000E+010.3017E-011.
AP	2AQ	2	30.1000E+010.1000E+010.3017E-011.
AQ	2AR	2	30.1000E+010.1000E+010.3017E-011.
AR	2AS	2	30.1000E+010.1000E+010.3017E-011.
AS	2AT	2	30.1000E+010.5000E-030.3017E-011.
A1	3A2	3	30.5000E-030.5000E+000.5496E-011.
A2	3A3	3	30.5000E+000.5000E+000.5496E-011.

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A3	3A4	3	30.5000E+000.5000E+000.5496E-011.
A4	3A5	3	30.5000E+000.5000E+000.5496E-011.
A5	3A6	3	30.5000E+000.5000E+000.5496E-011.
A6	3A7	3	30.5000E+000.5000E+000.5496E-011.
A7	3A8	3	30.5000E+000.5000E+000.5496E-011.
A8	3A9	3	30.5000E+000.5000E+000.5496E-011.
A9	3AA	3	30.5000E+000.5000E+000.5496E-011.
AA	3AB	3	30.5000E+000.5000E+000.5496E-011.
AB	3AC	3	30.5000E+000.5000E+000.5496E-011.
AC	3AD	3	30.5000E+000.5000E+000.5496E-011.
AD	3AE	3	30.5000E+000.5000E+000.5496E-011.
AE	3AF	3	30.5000E+000.5000E+000.5496E-011.
AF	3AG	3	30.5000E+000.5000E+000.5496E-011.
AG	3AH	3	30.5000E+000.5000E+000.5496E-011.
AH	3AI	3	30.5000E+000.1000E+010.5496E-011.
AI	3AJ	3	30.1000E+010.1000E+010.5496E-011.
AJ	3AK	3	30.1000E+010.1000E+010.5496E-011.
AK	3AL	3	30.1000E+010.1000E+010.5496E-011.
AL	3AM	3	30.1000E+010.1000E+010.5496E-011.
AM	3AN	3	30.1000E+010.1000E+010.5496E-011.
AN	3AO	3	30.1000E+010.1000E+010.5496E-011.
AO	3AP	3	30.1000E+010.1000E+010.5496E-011.
AP	3AQ	3	30.1000E+010.1000E+010.5496E-011.
AQ	3AR	3	30.1000E+010.1000E+010.5496E-011.
AR	3AS	3	30.1000E+010.1000E+010.5496E-011.
AS	3AT	3	30.1000E+010.5000E-030.5496E-011.
A1	4A2	4	30.5000E-030.5000E+000.8669E-011.
A2	4A3	4	30.5000E+000.5000E+000.8669E-011.
A3	4A4	4	30.5000E+000.5000E+000.8669E-011.
A4	4A5	4	30.5000E+000.5000E+000.8669E-011.
A5	4A6	4	30.5000E+000.5000E+000.8669E-011.
A6	4A7	4	30.5000E+000.5000E+000.8669E-011.
A7	4A8	4	30.5000E+000.5000E+000.8669E-011.
A8	4A9	4	30.5000E+000.5000E+000.8669E-011.
A9	4AA	4	30.5000E+000.5000E+000.8669E-011.
AA	4AB	4	30.5000E+000.5000E+000.8669E-011.
AB	4AC	4	30.5000E+000.5000E+000.8669E-011.
AC	4AD	4	30.5000E+000.5000E+000.8669E-011.
AD	4AE	4	30.5000E+000.5000E+000.8669E-011.
AE	4AF	4	30.5000E+000.5000E+000.8669E-011.
AF	4AG	4	30.5000E+000.5000E+000.8669E-011.
AG	4AH	4	30.5000E+000.5000E+000.8669E-011.
AH	4AI	4	30.5000E+000.1000E+010.8669E-011.
AI	4AJ	4	30.1000E+010.1000E+010.8669E-011.
AJ	4AK	4	30.1000E+010.1000E+010.8669E-011.
AK	4AL	4	30.1000E+010.1000E+010.8669E-011.
AL	4AM	4	30.1000E+010.1000E+010.8669E-011.
AM	4AN	4	30.1000E+010.1000E+010.8669E-011.
AN	4AO	4	30.1000E+010.1000E+010.8669E-011.
AO	4AP	4	30.1000E+010.1000E+010.8669E-011.
AP	4AQ	4	30.1000E+010.1000E+010.8669E-011.
AQ	4AR	4	30.1000E+010.1000E+010.8669E-011.
AR	4AS	4	30.1000E+010.1000E+010.8669E-011.
AS	4AT	4	30.1000E+010.5000E-030.8669E-011.
A1	5A2	5	30.5000E-030.5000E+000.1269E+001.

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A2	5A3	5	30.5000E+000.5000E+000.1269E+001.
A3	5A4	5	30.5000E+000.5000E+000.1269E+001.
A4	5A5	5	30.5000E+000.5000E+000.1269E+001.
A5	5A6	5	30.5000E+000.5000E+000.1269E+001.
A6	5A7	5	30.5000E+000.5000E+000.1269E+001.
A7	5A8	5	30.5000E+000.5000E+000.1269E+001.
A8	5A9	5	30.5000E+000.5000E+000.1269E+001.
A9	5AA	5	30.5000E+000.5000E+000.1269E+001.
AA	5AB	5	30.5000E+000.5000E+000.1269E+001.
AB	5AC	5	30.5000E+000.5000E+000.1269E+001.
AC	5AD	5	30.5000E+000.5000E+000.1269E+001.
AD	5AE	5	30.5000E+000.5000E+000.1269E+001.
AE	5AF	5	30.5000E+000.5000E+000.1269E+001.
AF	5AG	5	30.5000E+000.5000E+000.1269E+001.
AG	5AH	5	30.5000E+000.5000E+000.1269E+001.
AH	5AI	5	30.5000E+000.1000E+010.1269E+001.
AI	5AJ	5	30.1000E+010.1000E+010.1269E+001.
AJ	5AK	5	30.1000E+010.1000E+010.1269E+001.
AK	5AL	5	30.1000E+010.1000E+010.1269E+001.
AL	5AM	5	30.1000E+010.1000E+010.1269E+001.
AM	5AN	5	30.1000E+010.1000E+010.1269E+001.
AN	5AO	5	30.1000E+010.1000E+010.1269E+001.
AO	5AP	5	30.1000E+010.1000E+010.1269E+001.
AP	5AQ	5	30.1000E+010.1000E+010.1269E+001.
AQ	5AR	5	30.1000E+010.1000E+010.1269E+001.
AR	5AS	5	30.1000E+010.1000E+010.1269E+001.
AS	5AT	5	30.1000E+010.5000E-030.1269E+001.
A1	6A2	6	30.5000E-030.5000E+000.1777E+001.
A2	6A3	6	30.5000E+000.5000E+000.1777E+001.
A3	6A4	6	30.5000E+000.5000E+000.1777E+001.
A4	6A5	6	30.5000E+000.5000E+000.1777E+001.
A5	6A6	6	30.5000E+000.5000E+000.1777E+001.
A6	6A7	6	30.5000E+000.5000E+000.1777E+001.
A7	6A8	6	30.5000E+000.5000E+000.1777E+001.
A8	6A9	6	30.5000E+000.5000E+000.1777E+001.
A9	6AA	6	30.5000E+000.5000E+000.1777E+001.
AA	6AB	6	30.5000E+000.5000E+000.1777E+001.
AB	6AC	6	30.5000E+000.5000E+000.1777E+001.
AC	6AD	6	30.5000E+000.5000E+000.1777E+001.
AD	6AE	6	30.5000E+000.5000E+000.1777E+001.
AE	6AF	6	30.5000E+000.5000E+000.1777E+001.
AF	6AG	6	30.5000E+000.5000E+000.1777E+001.
AG	6AH	6	30.5000E+000.5000E+000.1777E+001.
AH	6AI	6	30.5000E+000.1000E+010.1777E+001.
AI	6AJ	6	30.1000E+010.1000E+010.1777E+001.
AJ	6AK	6	30.1000E+010.1000E+010.1777E+001.
AK	6AL	6	30.1000E+010.1000E+010.1777E+001.
AL	6AM	6	30.1000E+010.1000E+010.1777E+001.
AM	6AN	6	30.1000E+010.1000E+010.1777E+001.
AN	6AO	6	30.1000E+010.1000E+010.1777E+001.
AO	6AP	6	30.1000E+010.1000E+010.1777E+001.
AP	6AQ	6	30.1000E+010.1000E+010.1777E+001.
AQ	6AR	6	30.1000E+010.1000E+010.1777E+001.
AR	6AS	6	30.1000E+010.1000E+010.1777E+001.
AS	6AT	6	30.1000E+010.5000E-030.1777E+001.

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A1	7A2	7	30.5000E-030.5000E+000.2413E+001.
A2	7A3	7	30.5000E+000.5000E+000.2413E+001.
A3	7A4	7	30.5000E+000.5000E+000.2413E+001.
A4	7A5	7	30.5000E+000.5000E+000.2413E+001.
A5	7A6	7	30.5000E+000.5000E+000.2413E+001.
A6	7A7	7	30.5000E+000.5000E+000.2413E+001.
A7	7A8	7	30.5000E+000.5000E+000.2413E+001.
A8	7A9	7	30.5000E+000.5000E+000.2413E+001.
A9	7AA	7	30.5000E+000.5000E+000.2413E+001.
AA	7AB	7	30.5000E+000.5000E+000.2413E+001.
AB	7AC	7	30.5000E+000.5000E+000.2413E+001.
AC	7AD	7	30.5000E+000.5000E+000.2413E+001.
AD	7AE	7	30.5000E+000.5000E+000.2413E+001.
AE	7AF	7	30.5000E+000.5000E+000.2413E+001.
AF	7AG	7	30.5000E+000.5000E+000.2413E+001.
AG	7AH	7	30.5000E+000.5000E+000.2413E+001.
AH	7AI	7	30.5000E+000.1000E+010.2413E+001.
AI	7AJ	7	30.1000E+010.1000E+010.2413E+001.
AJ	7AK	7	30.1000E+010.1000E+010.2413E+001.
AK	7AL	7	30.1000E+010.1000E+010.2413E+001.
AL	7AM	7	30.1000E+010.1000E+010.2413E+001.
AM	7AN	7	30.1000E+010.1000E+010.2413E+001.
AN	7AO	7	30.1000E+010.1000E+010.2413E+001.
AO	7AP	7	30.1000E+010.1000E+010.2413E+001.
AP	7AQ	7	30.1000E+010.1000E+010.2413E+001.
AQ	7AR	7	30.1000E+010.1000E+010.2413E+001.
AR	7AS	7	30.1000E+010.1000E+010.2413E+001.
AS	7AT	7	30.1000E+010.5000E-030.2413E+001.
A1	8A2	8	30.5000E-030.5000E+000.3207E+001.
A2	8A3	8	30.5000E+000.5000E+000.3207E+001.
A3	8A4	8	30.5000E+000.5000E+000.3207E+001.
A4	8A5	8	30.5000E+000.5000E+000.3207E+001.
A5	8A6	8	30.5000E+000.5000E+000.3207E+001.
A6	8A7	8	30.5000E+000.5000E+000.3207E+001.
A7	8A8	8	30.5000E+000.5000E+000.3207E+001.
A8	8A9	8	30.5000E+000.5000E+000.3207E+001.
A9	8AA	8	30.5000E+000.5000E+000.3207E+001.
AA	8AB	8	30.5000E+000.5000E+000.3207E+001.
AB	8AC	8	30.5000E+000.5000E+000.3207E+001.
AC	8AD	8	30.5000E+000.5000E+000.3207E+001.
AD	8AE	8	30.5000E+000.5000E+000.3207E+001.
AE	8AF	8	30.5000E+000.5000E+000.3207E+001.
AF	8AG	8	30.5000E+000.5000E+000.3207E+001.
AG	8AH	8	30.5000E+000.5000E+000.3207E+001.
AH	8AI	8	30.5000E+000.1000E+010.3207E+001.
AI	8AJ	8	30.1000E+010.1000E+010.3207E+001.
AJ	8AK	8	30.1000E+010.1000E+010.3207E+001.
AK	8AL	8	30.1000E+010.1000E+010.3207E+001.
AL	8AM	8	30.1000E+010.1000E+010.3207E+001.
AM	8AN	8	30.1000E+010.1000E+010.3207E+001.
AN	8AO	8	30.1000E+010.1000E+010.3207E+001.
AO	8AP	8	30.1000E+010.1000E+010.3207E+001.
AP	8AQ	8	30.1000E+010.1000E+010.3207E+001.
AQ	8AR	8	30.1000E+010.1000E+010.3207E+001.
AR	8AS	8	30.1000E+010.1000E+010.3207E+001.

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AS	8AT	8	30.1000E+010.5000E-030.3207E+001.
A1	9A2	9	30.5000E-030.5000E+000.4194E+001.
A2	9A3	9	30.5000E+000.5000E+000.4194E+001.
A3	9A4	9	30.5000E+000.5000E+000.4194E+001.
A4	9A5	9	30.5000E+000.5000E+000.4194E+001.
A5	9A6	9	30.5000E+000.5000E+000.4194E+001.
A6	9A7	9	30.5000E+000.5000E+000.4194E+001.
A7	9A8	9	30.5000E+000.5000E+000.4194E+001.
A8	9A9	9	30.5000E+000.5000E+000.4194E+001.
A9	9AA	9	30.5000E+000.5000E+000.4194E+001.
AA	9AB	9	30.5000E+000.5000E+000.4194E+001.
AB	9AC	9	30.5000E+000.5000E+000.4194E+001.
AC	9AD	9	30.5000E+000.5000E+000.4194E+001.
AD	9AE	9	30.5000E+000.5000E+000.4194E+001.
AE	9AF	9	30.5000E+000.5000E+000.4194E+001.
AF	9AG	9	30.5000E+000.5000E+000.4194E+001.
AG	9AH	9	30.5000E+000.5000E+000.4194E+001.
AH	9AI	9	30.5000E+000.1000E+010.4194E+001.
AI	9AJ	9	30.1000E+010.1000E+010.4194E+001.
AJ	9AK	9	30.1000E+010.1000E+010.4194E+001.
AK	9AL	9	30.1000E+010.1000E+010.4194E+001.
AL	9AM	9	30.1000E+010.1000E+010.4194E+001.
AM	9AN	9	30.1000E+010.1000E+010.4194E+001.
AN	9AO	9	30.1000E+010.1000E+010.4194E+001.
AO	9AP	9	30.1000E+010.1000E+010.4194E+001.
AP	9AQ	9	30.1000E+010.1000E+010.4194E+001.
AQ	9AR	9	30.1000E+010.1000E+010.4194E+001.
AR	9AS	9	30.1000E+010.1000E+010.4194E+001.
AS	9AT	9	30.1000E+010.5000E-030.4194E+001.
A1	10A2	10	30.5000E-030.5000E+000.5416E+001.
A2	10A3	10	30.5000E+000.5000E+000.5416E+001.
A3	10A4	10	30.5000E+000.5000E+000.5416E+001.
A4	10A5	10	30.5000E+000.5000E+000.5416E+001.
A5	10A6	10	30.5000E+000.5000E+000.5416E+001.
A6	10A7	10	30.5000E+000.5000E+000.5416E+001.
A7	10A8	10	30.5000E+000.5000E+000.5416E+001.
A8	10A9	10	30.5000E+000.5000E+000.5416E+001.
A9	10AA	10	30.5000E+000.5000E+000.5416E+001.
AA	10AB	10	30.5000E+000.5000E+000.5416E+001.
AB	10AC	10	30.5000E+000.5000E+000.5416E+001.
AC	10AD	10	30.5000E+000.5000E+000.5416E+001.
AD	10AE	10	30.5000E+000.5000E+000.5416E+001.
AE	10AF	10	30.5000E+000.5000E+000.5416E+001.
AF	10AG	10	30.5000E+000.5000E+000.5416E+001.
AG	10AH	10	30.5000E+000.5000E+000.5416E+001.
AH	10AI	10	30.5000E+000.1000E+010.5416E+001.
AI	10AJ	10	30.1000E+010.1000E+010.5416E+001.
AJ	10AK	10	30.1000E+010.1000E+010.5416E+001.
AK	10AL	10	30.1000E+010.1000E+010.5416E+001.
AL	10AM	10	30.1000E+010.1000E+010.5416E+001.
AM	10AN	10	30.1000E+010.1000E+010.5416E+001.
AN	10AO	10	30.1000E+010.1000E+010.5416E+001.
AO	10AP	10	30.1000E+010.1000E+010.5416E+001.
AP	10AQ	10	30.1000E+010.1000E+010.5416E+001.
AQ	10AR	10	30.1000E+010.1000E+010.5416E+001.



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AR 10AS 10	30.1000E+010.1000E+010.5416E+001.
AS 10AT 10	30.1000E+010.5000E-030.5416E+001.
A1 11A2 11	30.5000E-030.5000E+000.6925E+001.
A2 11A3 11	30.5000E+000.5000E+000.6925E+001.
A3 11A4 11	30.5000E+000.5000E+000.6925E+001.
A4 11A5 11	30.5000E+000.5000E+000.6925E+001.
A5 11A6 11	30.5000E+000.5000E+000.6925E+001.
A6 11A7 11	30.5000E+000.5000E+000.6925E+001.
A7 11A8 11	30.5000E+000.5000E+000.6925E+001.
A8 11A9 11	30.5000E+000.5000E+000.6925E+001.
A9 11AA 11	30.5000E+000.5000E+000.6925E+001.
AA 11AB 11	30.5000E+000.5000E+000.6925E+001.
AB 11AC 11	30.5000E+000.5000E+000.6925E+001.
AC 11AD 11	30.5000E+000.5000E+000.6925E+001.
AD 11AE 11	30.5000E+000.5000E+000.6925E+001.
AE 11AF 11	30.5000E+000.5000E+000.6925E+001.
AF 11AG 11	30.5000E+000.5000E+000.6925E+001.
AG 11AH 11	30.5000E+000.5000E+000.6925E+001.
AH 11AI 11	30.5000E+000.1000E+010.6925E+001.
AI 11AJ 11	30.1000E+010.1000E+010.6925E+001.
AJ 11AK 11	30.1000E+010.1000E+010.6925E+001.
AK 11AL 11	30.1000E+010.1000E+010.6925E+001.
AL 11AM 11	30.1000E+010.1000E+010.6925E+001.
AM 11AN 11	30.1000E+010.1000E+010.6925E+001.
AN 11AO 11	30.1000E+010.1000E+010.6925E+001.
AO 11AP 11	30.1000E+010.1000E+010.6925E+001.
AP 11AQ 11	30.1000E+010.1000E+010.6925E+001.
AQ 11AR 11	30.1000E+010.1000E+010.6925E+001.
AR 11AS 11	30.1000E+010.1000E+010.6925E+001.
AS 11AT 11	30.1000E+010.5000E-030.6925E+001.
A1 12A2 12	30.5000E-030.5000E+000.8784E+001.
A2 12A3 12	30.5000E+000.5000E+000.8784E+001.
A3 12A4 12	30.5000E+000.5000E+000.8784E+001.
A4 12A5 12	30.5000E+000.5000E+000.8784E+001.
A5 12A6 12	30.5000E+000.5000E+000.8784E+001.
A6 12A7 12	30.5000E+000.5000E+000.8784E+001.
A7 12A8 12	30.5000E+000.5000E+000.8784E+001.
A8 12A9 12	30.5000E+000.5000E+000.8784E+001.
A9 12AA 12	30.5000E+000.5000E+000.8784E+001.
AA 12AB 12	30.5000E+000.5000E+000.8784E+001.
AB 12AC 12	30.5000E+000.5000E+000.8784E+001.
AC 12AD 12	30.5000E+000.5000E+000.8784E+001.
AD 12AE 12	30.5000E+000.5000E+000.8784E+001.
AE 12AF 12	30.5000E+000.5000E+000.8784E+001.
AF 12AG 12	30.5000E+000.5000E+000.8784E+001.
AG 12AH 12	30.5000E+000.5000E+000.8784E+001.
AH 12AI 12	30.5000E+000.1000E+010.8784E+001.
AI 12AJ 12	30.1000E+010.1000E+010.8784E+001.
AJ 12AK 12	30.1000E+010.1000E+010.8784E+001.
AK 12AL 12	30.1000E+010.1000E+010.8784E+001.
AL 12AM 12	30.1000E+010.1000E+010.8784E+001.
AM 12AN 12	30.1000E+010.1000E+010.8784E+001.
AN 12AO 12	30.1000E+010.1000E+010.8784E+001.
AO 12AP 12	30.1000E+010.1000E+010.8784E+001.
AP 12AQ 12	30.1000E+010.1000E+010.8784E+001.

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AQ 12AR 12	30.1000E+010.1000E+010.8784E+001.
AR 12AS 12	30.1000E+010.1000E+010.8784E+001.
AS 12AT 12	30.1000E+010.5000E-030.8784E+001.
A1 13A2 13	30.5000E-030.5000E+000.1107E+011.
A2 13A3 13	30.5000E+000.5000E+000.1107E+011.
A3 13A4 13	30.5000E+000.5000E+000.1107E+011.
A4 13A5 13	30.5000E+000.5000E+000.1107E+011.
A5 13A6 13	30.5000E+000.5000E+000.1107E+011.
A6 13A7 13	30.5000E+000.5000E+000.1107E+011.
A7 13A8 13	30.5000E+000.5000E+000.1107E+011.
A8 13A9 13	30.5000E+000.5000E+000.1107E+011.
A9 13AA 13	30.5000E+000.5000E+000.1107E+011.
AA 13AB 13	30.5000E+000.5000E+000.1107E+011.
AB 13AC 13	30.5000E+000.5000E+000.1107E+011.
AC 13AD 13	30.5000E+000.5000E+000.1107E+011.
AD 13AE 13	30.5000E+000.5000E+000.1107E+011.
AE 13AF 13	30.5000E+000.5000E+000.1107E+011.
AF 13AG 13	30.5000E+000.5000E+000.1107E+011.
AG 13AH 13	30.5000E+000.5000E+000.1107E+011.
AH 13AI 13	30.5000E+000.1000E+010.1107E+011.
AI 13AJ 13	30.1000E+010.1000E+010.1107E+011.
AJ 13AK 13	30.1000E+010.1000E+010.1107E+011.
AK 13AL 13	30.1000E+010.1000E+010.1107E+011.
AL 13AM 13	30.1000E+010.1000E+010.1107E+011.
AM 13AN 13	30.1000E+010.1000E+010.1107E+011.
AN 13AO 13	30.1000E+010.1000E+010.1107E+011.
AO 13AP 13	30.1000E+010.1000E+010.1107E+011.
AP 13AQ 13	30.1000E+010.1000E+010.1107E+011.
AQ 13AR 13	30.1000E+010.1000E+010.1107E+011.
AR 13AS 13	30.1000E+010.1000E+010.1107E+011.
AS 13AT 13	30.1000E+010.5000E-030.1107E+011.
A1 14A2 14	30.5000E-030.5000E+000.1387E+011.
A2 14A3 14	30.5000E+000.5000E+000.1387E+011.
A3 14A4 14	30.5000E+000.5000E+000.1387E+011.
A4 14A5 14	30.5000E+000.5000E+000.1387E+011.
A5 14A6 14	30.5000E+000.5000E+000.1387E+011.
A6 14A7 14	30.5000E+000.5000E+000.1387E+011.
A7 14A8 14	30.5000E+000.5000E+000.1387E+011.
A8 14A9 14	30.5000E+000.5000E+000.1387E+011.
A9 14AA 14	30.5000E+000.5000E+000.1387E+011.
AA 14AB 14	30.5000E+000.5000E+000.1387E+011.
AB 14AC 14	30.5000E+000.5000E+000.1387E+011.
AC 14AD 14	30.5000E+000.5000E+000.1387E+011.
AD 14AE 14	30.5000E+000.5000E+000.1387E+011.
AE 14AF 14	30.5000E+000.5000E+000.1387E+011.
AF 14AG 14	30.5000E+000.5000E+000.1387E+011.
AG 14AH 14	30.5000E+000.5000E+000.1387E+011.
AH 14AI 14	30.5000E+000.1000E+010.1387E+011.
AI 14AJ 14	30.1000E+010.1000E+010.1387E+011.
AJ 14AK 14	30.1000E+010.1000E+010.1387E+011.
AK 14AL 14	30.1000E+010.1000E+010.1387E+011.
AL 14AM 14	30.1000E+010.1000E+010.1387E+011.
AM 14AN 14	30.1000E+010.1000E+010.1387E+011.
AN 14AO 14	30.1000E+010.1000E+010.1387E+011.
AO 14AP 14	30.1000E+010.1000E+010.1387E+011.

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AP 14AQ 14	30.1000E+010.1000E+010.1387E+011.
AQ 14AR 14	30.1000E+010.1000E+010.1387E+011.
AR 14AS 14	30.1000E+010.1000E+010.1387E+011.
AS 14AT 14	30.1000E+010.5000E-030.1387E+011.
A1 15A2 15	30.5000E-030.5000E+000.1730E+011.
A2 15A3 15	30.5000E+000.5000E+000.1730E+011.
A3 15A4 15	30.5000E+000.5000E+000.1730E+011.
A4 15A5 15	30.5000E+000.5000E+000.1730E+011.
A5 15A6 15	30.5000E+000.5000E+000.1730E+011.
A6 15A7 15	30.5000E+000.5000E+000.1730E+011.
A7 15A8 15	30.5000E+000.5000E+000.1730E+011.
A8 15A9 15	30.5000E+000.5000E+000.1730E+011.
A9 15AA 15	30.5000E+000.5000E+000.1730E+011.
AA 15AB 15	30.5000E+000.5000E+000.1730E+011.
AB 15AC 15	30.5000E+000.5000E+000.1730E+011.
AC 15AD 15	30.5000E+000.5000E+000.1730E+011.
AD 15AE 15	30.5000E+000.5000E+000.1730E+011.
AE 15AF 15	30.5000E+000.5000E+000.1730E+011.
AF 15AG 15	30.5000E+000.5000E+000.1730E+011.
AG 15AH 15	30.5000E+000.5000E+000.1730E+011.
AH 15AI 15	30.5000E+000.1000E+010.1730E+011.
AI 15AJ 15	30.1000E+010.1000E+010.1730E+011.
AJ 15AK 15	30.1000E+010.1000E+010.1730E+011.
AK 15AL 15	30.1000E+010.1000E+010.1730E+011.
AL 15AM 15	30.1000E+010.1000E+010.1730E+011.
AM 15AN 15	30.1000E+010.1000E+010.1730E+011.
AN 15AO 15	30.1000E+010.1000E+010.1730E+011.
AO 15AP 15	30.1000E+010.1000E+010.1730E+011.
AP 15AQ 15	30.1000E+010.1000E+010.1730E+011.
AQ 15AR 15	30.1000E+010.1000E+010.1730E+011.
AR 15AS 15	30.1000E+010.1000E+010.1730E+011.
AS 15AT 15	30.1000E+010.5000E-030.1730E+011.
A1 16A2 16	30.5000E-030.5000E+000.2149E+011.
A2 16A3 16	30.5000E+000.5000E+000.2149E+011.
A3 16A4 16	30.5000E+000.5000E+000.2149E+011.
A4 16A5 16	30.5000E+000.5000E+000.2149E+011.
A5 16A6 16	30.5000E+000.5000E+000.2149E+011.
A6 16A7 16	30.5000E+000.5000E+000.2149E+011.
A7 16A8 16	30.5000E+000.5000E+000.2149E+011.
A8 16A9 16	30.5000E+000.5000E+000.2149E+011.
A9 16AA 16	30.5000E+000.5000E+000.2149E+011.
AA 16AB 16	30.5000E+000.5000E+000.2149E+011.
AB 16AC 16	30.5000E+000.5000E+000.2149E+011.
AC 16AD 16	30.5000E+000.5000E+000.2149E+011.
AD 16AE 16	30.5000E+000.5000E+000.2149E+011.
AE 16AF 16	30.5000E+000.5000E+000.2149E+011.
AF 16AG 16	30.5000E+000.5000E+000.2149E+011.
AG 16AH 16	30.5000E+000.5000E+000.2149E+011.
AH 16AI 16	30.5000E+000.1000E+010.2149E+011.
AI 16AJ 16	30.1000E+010.1000E+010.2149E+011.
AJ 16AK 16	30.1000E+010.1000E+010.2149E+011.
AK 16AL 16	30.1000E+010.1000E+010.2149E+011.
AL 16AM 16	30.1000E+010.1000E+010.2149E+011.
AM 16AN 16	30.1000E+010.1000E+010.2149E+011.
AN 16AO 16	30.1000E+010.1000E+010.2149E+011.

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AO 16AP 16	30.1000E+010.1000E+010.2149E+011.
AP 16AQ 16	30.1000E+010.1000E+010.2149E+011.
AQ 16AR 16	30.1000E+010.1000E+010.2149E+011.
AR 16AS 16	30.1000E+010.1000E+010.2149E+011.
AS 16AT 16	30.1000E+010.5000E-030.2149E+011.
A1 17A2 17	30.5000E-030.5000E+000.2661E+011.
A2 17A3 17	30.5000E+000.5000E+000.2661E+011.
A3 17A4 17	30.5000E+000.5000E+000.2661E+011.
A4 17A5 17	30.5000E+000.5000E+000.2661E+011.
A5 17A6 17	30.5000E+000.5000E+000.2661E+011.
A6 17A7 17	30.5000E+000.5000E+000.2661E+011.
A7 17A8 17	30.5000E+000.5000E+000.2661E+011.
A8 17A9 17	30.5000E+000.5000E+000.2661E+011.
A9 17AA 17	30.5000E+000.5000E+000.2661E+011.
AA 17AB 17	30.5000E+000.5000E+000.2661E+011.
AB 17AC 17	30.5000E+000.5000E+000.2661E+011.
AC 17AD 17	30.5000E+000.5000E+000.2661E+011.
AD 17AE 17	30.5000E+000.5000E+000.2661E+011.
AE 17AF 17	30.5000E+000.5000E+000.2661E+011.
AF 17AG 17	30.5000E+000.5000E+000.2661E+011.
AG 17AH 17	30.5000E+000.5000E+000.2661E+011.
AH 17AI 17	30.5000E+000.1000E+010.2661E+011.
AI 17AJ 17	30.1000E+010.1000E+010.2661E+011.
AJ 17AK 17	30.1000E+010.1000E+010.2661E+011.
AK 17AL 17	30.1000E+010.1000E+010.2661E+011.
AL 17AM 17	30.1000E+010.1000E+010.2661E+011.
AM 17AN 17	30.1000E+010.1000E+010.2661E+011.
AN 17AO 17	30.1000E+010.1000E+010.2661E+011.
AO 17AP 17	30.1000E+010.1000E+010.2661E+011.
AP 17AQ 17	30.1000E+010.1000E+010.2661E+011.
AQ 17AR 17	30.1000E+010.1000E+010.2661E+011.
AR 17AS 17	30.1000E+010.1000E+010.2661E+011.
AS 17AT 17	30.1000E+010.5000E-030.2661E+011.
A1 18A2 18	30.5000E-030.5000E+000.3285E+011.
A2 18A3 18	30.5000E+000.5000E+000.3285E+011.
A3 18A4 18	30.5000E+000.5000E+000.3285E+011.
A4 18A5 18	30.5000E+000.5000E+000.3285E+011.
A5 18A6 18	30.5000E+000.5000E+000.3285E+011.
A6 18A7 18	30.5000E+000.5000E+000.3285E+011.
A7 18A8 18	30.5000E+000.5000E+000.3285E+011.
A8 18A9 18	30.5000E+000.5000E+000.3285E+011.
A9 18AA 18	30.5000E+000.5000E+000.3285E+011.
AA 18AB 18	30.5000E+000.5000E+000.3285E+011.
AB 18AC 18	30.5000E+000.5000E+000.3285E+011.
AC 18AD 18	30.5000E+000.5000E+000.3285E+011.
AD 18AE 18	30.5000E+000.5000E+000.3285E+011.
AE 18AF 18	30.5000E+000.5000E+000.3285E+011.
AF 18AG 18	30.5000E+000.5000E+000.3285E+011.
AG 18AH 18	30.5000E+000.5000E+000.3285E+011.
AH 18AI 18	30.5000E+000.1000E+010.3285E+011.
AI 18AJ 18	30.1000E+010.1000E+010.3285E+011.
AJ 18AK 18	30.1000E+010.1000E+010.3285E+011.
AK 18AL 18	30.1000E+010.1000E+010.3285E+011.
AL 18AM 18	30.1000E+010.1000E+010.3285E+011.
AM 18AN 18	30.1000E+010.1000E+010.3285E+011.

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AN 18AO 18	30.1000E+010.1000E+010.3285E+011.
AO 18AP 18	30.1000E+010.1000E+010.3285E+011.
AP 18AQ 18	30.1000E+010.1000E+010.3285E+011.
AQ 18AR 18	30.1000E+010.1000E+010.3285E+011.
AR 18AS 18	30.1000E+010.1000E+010.3285E+011.
AS 18AT 18	30.1000E+010.5000E-030.3285E+011.
A1 19A2 19	30.5000E-030.5000E+000.4045E+011.
A2 19A3 19	30.5000E+000.5000E+000.4045E+011.
A3 19A4 19	30.5000E+000.5000E+000.4045E+011.
A4 19A5 19	30.5000E+000.5000E+000.4045E+011.
A5 19A6 19	30.5000E+000.5000E+000.4045E+011.
A6 19A7 19	30.5000E+000.5000E+000.4045E+011.
A7 19A8 19	30.5000E+000.5000E+000.4045E+011.
A8 19A9 19	30.5000E+000.5000E+000.4045E+011.
A9 19AA 19	30.5000E+000.5000E+000.4045E+011.
AA 19AB 19	30.5000E+000.5000E+000.4045E+011.
AB 19AC 19	30.5000E+000.5000E+000.4045E+011.
AC 19AD 19	30.5000E+000.5000E+000.4045E+011.
AD 19AE 19	30.5000E+000.5000E+000.4045E+011.
AE 19AF 19	30.5000E+000.5000E+000.4045E+011.
AF 19AG 19	30.5000E+000.5000E+000.4045E+011.
AG 19AH 19	30.5000E+000.5000E+000.4045E+011.
AH 19AI 19	30.5000E+000.1000E+010.4045E+011.
AI 19AJ 19	30.1000E+010.1000E+010.4045E+011.
AJ 19AK 19	30.1000E+010.1000E+010.4045E+011.
AK 19AL 19	30.1000E+010.1000E+010.4045E+011.
AL 19AM 19	30.1000E+010.1000E+010.4045E+011.
AM 19AN 19	30.1000E+010.1000E+010.4045E+011.
AN 19AO 19	30.1000E+010.1000E+010.4045E+011.
AO 19AP 19	30.1000E+010.1000E+010.4045E+011.
AP 19AQ 19	30.1000E+010.1000E+010.4045E+011.
AQ 19AR 19	30.1000E+010.1000E+010.4045E+011.
AR 19AS 19	30.1000E+010.1000E+010.4045E+011.
AS 19AT 19	30.1000E+010.5000E-030.4045E+011.
A1 20A2 20	30.5000E-030.5000E+000.4970E+011.
A2 20A3 20	30.5000E+000.5000E+000.4970E+011.
A3 20A4 20	30.5000E+000.5000E+000.4970E+011.
A4 20A5 20	30.5000E+000.5000E+000.4970E+011.
A5 20A6 20	30.5000E+000.5000E+000.4970E+011.
A6 20A7 20	30.5000E+000.5000E+000.4970E+011.
A7 20A8 20	30.5000E+000.5000E+000.4970E+011.
A8 20A9 20	30.5000E+000.5000E+000.4970E+011.
A9 20AA 20	30.5000E+000.5000E+000.4970E+011.
AA 20AB 20	30.5000E+000.5000E+000.4970E+011.
AB 20AC 20	30.5000E+000.5000E+000.4970E+011.
AC 20AD 20	30.5000E+000.5000E+000.4970E+011.
AD 20AE 20	30.5000E+000.5000E+000.4970E+011.
AE 20AF 20	30.5000E+000.5000E+000.4970E+011.
AF 20AG 20	30.5000E+000.5000E+000.4970E+011.
AG 20AH 20	30.5000E+000.5000E+000.4970E+011.
AH 20AI 20	30.5000E+000.1000E+010.4970E+011.
AI 20AJ 20	30.1000E+010.1000E+010.4970E+011.
AJ 20AK 20	30.1000E+010.1000E+010.4970E+011.
AK 20AL 20	30.1000E+010.1000E+010.4970E+011.
AL 20AM 20	30.1000E+010.1000E+010.4970E+011.

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AM 20AN 20	30.1000E+010.1000E+010.4970E+011.
AN 20AO 20	30.1000E+010.1000E+010.4970E+011.
AO 20AP 20	30.1000E+010.1000E+010.4970E+011.
AP 20AQ 20	30.1000E+010.1000E+010.4970E+011.
AQ 20AR 20	30.1000E+010.1000E+010.4970E+011.
AR 20AS 20	30.1000E+010.1000E+010.4970E+011.
AS 20AT 20	30.1000E+010.5000E-030.4970E+011.
A1 21A2 21	30.5000E-030.5000E+000.6094E+011.
A2 21A3 21	30.5000E+000.5000E+000.6094E+011.
A3 21A4 21	30.5000E+000.5000E+000.6094E+011.
A4 21A5 21	30.5000E+000.5000E+000.6094E+011.
A5 21A6 21	30.5000E+000.5000E+000.6094E+011.
A6 21A7 21	30.5000E+000.5000E+000.6094E+011.
A7 21A8 21	30.5000E+000.5000E+000.6094E+011.
A8 21A9 21	30.5000E+000.5000E+000.6094E+011.
A9 21AA 21	30.5000E+000.5000E+000.6094E+011.
AA 21AB 21	30.5000E+000.5000E+000.6094E+011.
AB 21AC 21	30.5000E+000.5000E+000.6094E+011.
AC 21AD 21	30.5000E+000.5000E+000.6094E+011.
AD 21AE 21	30.5000E+000.5000E+000.6094E+011.
AE 21AF 21	30.5000E+000.5000E+000.6094E+011.
AF 21AG 21	30.5000E+000.5000E+000.6094E+011.
AG 21AH 21	30.5000E+000.5000E+000.6094E+011.
AH 21AI 21	30.5000E+000.1000E+010.6094E+011.
AI 21AJ 21	30.1000E+010.1000E+010.6094E+011.
AJ 21AK 21	30.1000E+010.1000E+010.6094E+011.
AK 21AL 21	30.1000E+010.1000E+010.6094E+011.
AL 21AM 21	30.1000E+010.1000E+010.6094E+011.
AM 21AN 21	30.1000E+010.1000E+010.6094E+011.
AN 21AO 21	30.1000E+010.1000E+010.6094E+011.
AO 21AP 21	30.1000E+010.1000E+010.6094E+011.
AP 21AQ 21	30.1000E+010.1000E+010.6094E+011.
AQ 21AR 21	30.1000E+010.1000E+010.6094E+011.
AR 21AS 21	30.1000E+010.1000E+010.6094E+011.
AS 21AT 21	30.1000E+010.5000E-030.6094E+011.
A1 22A2 22	30.5000E-030.5000E+000.7460E+011.
A2 22A3 22	30.5000E+000.5000E+000.7460E+011.
A3 22A4 22	30.5000E+000.5000E+000.7460E+011.
A4 22A5 22	30.5000E+000.5000E+000.7460E+011.
A5 22A6 22	30.5000E+000.5000E+000.7460E+011.
A6 22A7 22	30.5000E+000.5000E+000.7460E+011.
A7 22A8 22	30.5000E+000.5000E+000.7460E+011.
A8 22A9 22	30.5000E+000.5000E+000.7460E+011.
A9 22AA 22	30.5000E+000.5000E+000.7460E+011.
AA 22AB 22	30.5000E+000.5000E+000.7460E+011.
AB 22AC 22	30.5000E+000.5000E+000.7460E+011.
AC 22AD 22	30.5000E+000.5000E+000.7460E+011.
AD 22AE 22	30.5000E+000.5000E+000.7460E+011.
AE 22AF 22	30.5000E+000.5000E+000.7460E+011.
AF 22AG 22	30.5000E+000.5000E+000.7460E+011.
AG 22AH 22	30.5000E+000.5000E+000.7460E+011.
AH 22AI 22	30.5000E+000.1000E+010.7460E+011.
AI 22AJ 22	30.1000E+010.1000E+010.7460E+011.
AJ 22AK 22	30.1000E+010.1000E+010.7460E+011.
AK 22AL 22	30.1000E+010.1000E+010.7460E+011.

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AL 22AM 22	30.1000E+010.1000E+010.7460E+011.
AM 22AN 22	30.1000E+010.1000E+010.7460E+011.
AN 22AO 22	30.1000E+010.1000E+010.7460E+011.
AO 22AP 22	30.1000E+010.1000E+010.7460E+011.
AP 22AQ 22	30.1000E+010.1000E+010.7460E+011.
AQ 22AR 22	30.1000E+010.1000E+010.7460E+011.
AR 22AS 22	30.1000E+010.1000E+010.7460E+011.
AS 22AT 22	30.1000E+010.5000E-030.7460E+011.
A1 23A2 23	30.5000E-030.5000E+000.9118E+011.
A2 23A3 23	30.5000E+000.5000E+000.9118E+011.
A3 23A4 23	30.5000E+000.5000E+000.9118E+011.
A4 23A5 23	30.5000E+000.5000E+000.9118E+011.
A5 23A6 23	30.5000E+000.5000E+000.9118E+011.
A6 23A7 23	30.5000E+000.5000E+000.9118E+011.
A7 23A8 23	30.5000E+000.5000E+000.9118E+011.
A8 23A9 23	30.5000E+000.5000E+000.9118E+011.
A9 23AA 23	30.5000E+000.5000E+000.9118E+011.
AA 23AB 23	30.5000E+000.5000E+000.9118E+011.
AB 23AC 23	30.5000E+000.5000E+000.9118E+011.
AC 23AD 23	30.5000E+000.5000E+000.9118E+011.
AD 23AE 23	30.5000E+000.5000E+000.9118E+011.
AE 23AF 23	30.5000E+000.5000E+000.9118E+011.
AF 23AG 23	30.5000E+000.5000E+000.9118E+011.
AG 23AH 23	30.5000E+000.5000E+000.9118E+011.
AH 23AI 23	30.5000E+000.1000E+010.9118E+011.
AI 23AJ 23	30.1000E+010.1000E+010.9118E+011.
AJ 23AK 23	30.1000E+010.1000E+010.9118E+011.
AK 23AL 23	30.1000E+010.1000E+010.9118E+011.
AL 23AM 23	30.1000E+010.1000E+010.9118E+011.
AM 23AN 23	30.1000E+010.1000E+010.9118E+011.
AN 23AO 23	30.1000E+010.1000E+010.9118E+011.
AO 23AP 23	30.1000E+010.1000E+010.9118E+011.
AP 23AQ 23	30.1000E+010.1000E+010.9118E+011.
AQ 23AR 23	30.1000E+010.1000E+010.9118E+011.
AR 23AS 23	30.1000E+010.1000E+010.9118E+011.
AS 23AT 23	30.1000E+010.5000E-030.9118E+011.
A1 24A2 24	30.5000E-030.5000E+000.1113E+021.
A2 24A3 24	30.5000E+000.5000E+000.1113E+021.
A3 24A4 24	30.5000E+000.5000E+000.1113E+021.
A4 24A5 24	30.5000E+000.5000E+000.1113E+021.
A5 24A6 24	30.5000E+000.5000E+000.1113E+021.
A6 24A7 24	30.5000E+000.5000E+000.1113E+021.
A7 24A8 24	30.5000E+000.5000E+000.1113E+021.
A8 24A9 24	30.5000E+000.5000E+000.1113E+021.
A9 24AA 24	30.5000E+000.5000E+000.1113E+021.
AA 24AB 24	30.5000E+000.5000E+000.1113E+021.
AB 24AC 24	30.5000E+000.5000E+000.1113E+021.
AC 24AD 24	30.5000E+000.5000E+000.1113E+021.
AD 24AE 24	30.5000E+000.5000E+000.1113E+021.
AE 24AF 24	30.5000E+000.5000E+000.1113E+021.
AF 24AG 24	30.5000E+000.5000E+000.1113E+021.
AG 24AH 24	30.5000E+000.5000E+000.1113E+021.
AH 24AI 24	30.5000E+000.1000E+010.1113E+021.
AI 24AJ 24	30.1000E+010.1000E+010.1113E+021.
AJ 24AK 24	30.1000E+010.1000E+010.1113E+021.

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AK 24AL 24	30.1000E+010.1000E+010.1113E+021.
AL 24AM 24	30.1000E+010.1000E+010.1113E+021.
AM 24AN 24	30.1000E+010.1000E+010.1113E+021.
AN 24AO 24	30.1000E+010.1000E+010.1113E+021.
AO 24AP 24	30.1000E+010.1000E+010.1113E+021.
AP 24AQ 24	30.1000E+010.1000E+010.1113E+021.
AQ 24AR 24	30.1000E+010.1000E+010.1113E+021.
AR 24AS 24	30.1000E+010.1000E+010.1113E+021.
AS 24AT 24	30.1000E+010.5000E-030.1113E+021.
A1 25A2 25	30.5000E-030.5000E+000.1357E+021.
A2 25A3 25	30.5000E+000.5000E+000.1357E+021.
A3 25A4 25	30.5000E+000.5000E+000.1357E+021.
A4 25A5 25	30.5000E+000.5000E+000.1357E+021.
A5 25A6 25	30.5000E+000.5000E+000.1357E+021.
A6 25A7 25	30.5000E+000.5000E+000.1357E+021.
A7 25A8 25	30.5000E+000.5000E+000.1357E+021.
A8 25A9 25	30.5000E+000.5000E+000.1357E+021.
A9 25AA 25	30.5000E+000.5000E+000.1357E+021.
AA 25AB 25	30.5000E+000.5000E+000.1357E+021.
AB 25AC 25	30.5000E+000.5000E+000.1357E+021.
AC 25AD 25	30.5000E+000.5000E+000.1357E+021.
AD 25AE 25	30.5000E+000.5000E+000.1357E+021.
AE 25AF 25	30.5000E+000.5000E+000.1357E+021.
AF 25AG 25	30.5000E+000.5000E+000.1357E+021.
AG 25AH 25	30.5000E+000.5000E+000.1357E+021.
AH 25AI 25	30.5000E+000.1000E+010.1357E+021.
AI 25AJ 25	30.1000E+010.1000E+010.1357E+021.
AJ 25AK 25	30.1000E+010.1000E+010.1357E+021.
AK 25AL 25	30.1000E+010.1000E+010.1357E+021.
AL 25AM 25	30.1000E+010.1000E+010.1357E+021.
AM 25AN 25	30.1000E+010.1000E+010.1357E+021.
AN 25AO 25	30.1000E+010.1000E+010.1357E+021.
AO 25AP 25	30.1000E+010.1000E+010.1357E+021.
AP 25AQ 25	30.1000E+010.1000E+010.1357E+021.
AQ 25AR 25	30.1000E+010.1000E+010.1357E+021.
AR 25AS 25	30.1000E+010.1000E+010.1357E+021.
AS 25AT 25	30.1000E+010.5000E-030.1357E+021.
A1 26A2 26	30.5000E-030.5000E+000.1653E+021.
A2 26A3 26	30.5000E+000.5000E+000.1653E+021.
A3 26A4 26	30.5000E+000.5000E+000.1653E+021.
A4 26A5 26	30.5000E+000.5000E+000.1653E+021.
A5 26A6 26	30.5000E+000.5000E+000.1653E+021.
A6 26A7 26	30.5000E+000.5000E+000.1653E+021.
A7 26A8 26	30.5000E+000.5000E+000.1653E+021.
A8 26A9 26	30.5000E+000.5000E+000.1653E+021.
A9 26AA 26	30.5000E+000.5000E+000.1653E+021.
AA 26AB 26	30.5000E+000.5000E+000.1653E+021.
AB 26AC 26	30.5000E+000.5000E+000.1653E+021.
AC 26AD 26	30.5000E+000.5000E+000.1653E+021.
AD 26AE 26	30.5000E+000.5000E+000.1653E+021.
AE 26AF 26	30.5000E+000.5000E+000.1653E+021.
AF 26AG 26	30.5000E+000.5000E+000.1653E+021.
AG 26AH 26	30.5000E+000.5000E+000.1653E+021.
AH 26AI 26	30.5000E+000.1000E+010.1653E+021.
AI 26AJ 26	30.1000E+010.1000E+010.1653E+021.



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AJ 26AK 26	30.1000E+010.1000E+010.1653E+021.
AK 26AL 26	30.1000E+010.1000E+010.1653E+021.
AL 26AM 26	30.1000E+010.1000E+010.1653E+021.
AM 26AN 26	30.1000E+010.1000E+010.1653E+021.
AN 26AO 26	30.1000E+010.1000E+010.1653E+021.
AO 26AP 26	30.1000E+010.1000E+010.1653E+021.
AP 26AQ 26	30.1000E+010.1000E+010.1653E+021.
AQ 26AR 26	30.1000E+010.1000E+010.1653E+021.
AR 26AS 26	30.1000E+010.1000E+010.1653E+021.
AS 26AT 26	30.1000E+010.5000E-030.1653E+021.
A1 27A2 27	30.5000E-030.5000E+000.2011E+021.
A2 27A3 27	30.5000E+000.5000E+000.2011E+021.
A3 27A4 27	30.5000E+000.5000E+000.2011E+021.
A4 27A5 27	30.5000E+000.5000E+000.2011E+021.
A5 27A6 27	30.5000E+000.5000E+000.2011E+021.
A6 27A7 27	30.5000E+000.5000E+000.2011E+021.
A7 27A8 27	30.5000E+000.5000E+000.2011E+021.
A8 27A9 27	30.5000E+000.5000E+000.2011E+021.
A9 27AA 27	30.5000E+000.5000E+000.2011E+021.
AA 27AB 27	30.5000E+000.5000E+000.2011E+021.
AB 27AC 27	30.5000E+000.5000E+000.2011E+021.
AC 27AD 27	30.5000E+000.5000E+000.2011E+021.
AD 27AE 27	30.5000E+000.5000E+000.2011E+021.
AE 27AF 27	30.5000E+000.5000E+000.2011E+021.
AF 27AG 27	30.5000E+000.5000E+000.2011E+021.
AG 27AH 27	30.5000E+000.5000E+000.2011E+021.
AH 27AI 27	30.5000E+000.1000E+010.2011E+021.
AI 27AJ 27	30.1000E+010.1000E+010.2011E+021.
AJ 27AK 27	30.1000E+010.1000E+010.2011E+021.
AK 27AL 27	30.1000E+010.1000E+010.2011E+021.
AL 27AM 27	30.1000E+010.1000E+010.2011E+021.
AM 27AN 27	30.1000E+010.1000E+010.2011E+021.
AN 27AO 27	30.1000E+010.1000E+010.2011E+021.
AO 27AP 27	30.1000E+010.1000E+010.2011E+021.
AP 27AQ 27	30.1000E+010.1000E+010.2011E+021.
AQ 27AR 27	30.1000E+010.1000E+010.2011E+021.
AR 27AS 27	30.1000E+010.1000E+010.2011E+021.
AS 27AT 27	30.1000E+010.5000E-030.2011E+021.
A1 28A2 28	30.5000E-030.5000E+000.2444E+021.
A2 28A3 28	30.5000E+000.5000E+000.2444E+021.
A3 28A4 28	30.5000E+000.5000E+000.2444E+021.
A4 28A5 28	30.5000E+000.5000E+000.2444E+021.
A5 28A6 28	30.5000E+000.5000E+000.2444E+021.
A6 28A7 28	30.5000E+000.5000E+000.2444E+021.
A7 28A8 28	30.5000E+000.5000E+000.2444E+021.
A8 28A9 28	30.5000E+000.5000E+000.2444E+021.
A9 28AA 28	30.5000E+000.5000E+000.2444E+021.
AA 28AB 28	30.5000E+000.5000E+000.2444E+021.
AB 28AC 28	30.5000E+000.5000E+000.2444E+021.
AC 28AD 28	30.5000E+000.5000E+000.2444E+021.
AD 28AE 28	30.5000E+000.5000E+000.2444E+021.
AE 28AF 28	30.5000E+000.5000E+000.2444E+021.
AF 28AG 28	30.5000E+000.5000E+000.2444E+021.
AG 28AH 28	30.5000E+000.5000E+000.2444E+021.
AH 28AI 28	30.5000E+000.1000E+010.2444E+021.

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AI 28AJ 28	30.1000E+010.1000E+010.2444E+021.
AJ 28AK 28	30.1000E+010.1000E+010.2444E+021.
AK 28AL 28	30.1000E+010.1000E+010.2444E+021.
AL 28AM 28	30.1000E+010.1000E+010.2444E+021.
AM 28AN 28	30.1000E+010.1000E+010.2444E+021.
AN 28AO 28	30.1000E+010.1000E+010.2444E+021.
AO 28AP 28	30.1000E+010.1000E+010.2444E+021.
AP 28AQ 28	30.1000E+010.1000E+010.2444E+021.
AQ 28AR 28	30.1000E+010.1000E+010.2444E+021.
AR 28AS 28	30.1000E+010.1000E+010.2444E+021.
AS 28AT 28	30.1000E+010.5000E-030.2444E+021.
A1 29A2 29	30.5000E-030.5000E+000.2969E+021.
A2 29A3 29	30.5000E+000.5000E+000.2969E+021.
A3 29A4 29	30.5000E+000.5000E+000.2969E+021.
A4 29A5 29	30.5000E+000.5000E+000.2969E+021.
A5 29A6 29	30.5000E+000.5000E+000.2969E+021.
A6 29A7 29	30.5000E+000.5000E+000.2969E+021.
A7 29A8 29	30.5000E+000.5000E+000.2969E+021.
A8 29A9 29	30.5000E+000.5000E+000.2969E+021.
A9 29AA 29	30.5000E+000.5000E+000.2969E+021.
AA 29AB 29	30.5000E+000.5000E+000.2969E+021.
AB 29AC 29	30.5000E+000.5000E+000.2969E+021.
AC 29AD 29	30.5000E+000.5000E+000.2969E+021.
AD 29AE 29	30.5000E+000.5000E+000.2969E+021.
AE 29AF 29	30.5000E+000.5000E+000.2969E+021.
AF 29AG 29	30.5000E+000.5000E+000.2969E+021.
AG 29AH 29	30.5000E+000.5000E+000.2969E+021.
AH 29AI 29	30.5000E+000.1000E+010.2969E+021.
AI 29AJ 29	30.1000E+010.1000E+010.2969E+021.
AJ 29AK 29	30.1000E+010.1000E+010.2969E+021.
AK 29AL 29	30.1000E+010.1000E+010.2969E+021.
AL 29AM 29	30.1000E+010.1000E+010.2969E+021.
AM 29AN 29	30.1000E+010.1000E+010.2969E+021.
AN 29AO 29	30.1000E+010.1000E+010.2969E+021.
AO 29AP 29	30.1000E+010.1000E+010.2969E+021.
AP 29AQ 29	30.1000E+010.1000E+010.2969E+021.
AQ 29AR 29	30.1000E+010.1000E+010.2969E+021.
AR 29AS 29	30.1000E+010.1000E+010.2969E+021.
AS 29AT 29	30.1000E+010.5000E-030.2969E+021.
A1 30A2 30	30.5000E-030.5000E+000.3604E+021.
A2 30A3 30	30.5000E+000.5000E+000.3604E+021.
A3 30A4 30	30.5000E+000.5000E+000.3604E+021.
A4 30A5 30	30.5000E+000.5000E+000.3604E+021.
A5 30A6 30	30.5000E+000.5000E+000.3604E+021.
A6 30A7 30	30.5000E+000.5000E+000.3604E+021.
A7 30A8 30	30.5000E+000.5000E+000.3604E+021.
A8 30A9 30	30.5000E+000.5000E+000.3604E+021.
A9 30AA 30	30.5000E+000.5000E+000.3604E+021.
AA 30AB 30	30.5000E+000.5000E+000.3604E+021.
AB 30AC 30	30.5000E+000.5000E+000.3604E+021.
AC 30AD 30	30.5000E+000.5000E+000.3604E+021.
AD 30AE 30	30.5000E+000.5000E+000.3604E+021.
AE 30AF 30	30.5000E+000.5000E+000.3604E+021.
AF 30AG 30	30.5000E+000.5000E+000.3604E+021.
AG 30AH 30	30.5000E+000.5000E+000.3604E+021.

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AH 30AI 30	30.5000E+000.1000E+010.3604E+021.
AI 30AJ 30	30.1000E+010.1000E+010.3604E+021.
AJ 30AK 30	30.1000E+010.1000E+010.3604E+021.
AK 30AL 30	30.1000E+010.1000E+010.3604E+021.
AL 30AM 30	30.1000E+010.1000E+010.3604E+021.
AM 30AN 30	30.1000E+010.1000E+010.3604E+021.
AN 30AO 30	30.1000E+010.1000E+010.3604E+021.
AO 30AP 30	30.1000E+010.1000E+010.3604E+021.
AP 30AQ 30	30.1000E+010.1000E+010.3604E+021.
AQ 30AR 30	30.1000E+010.1000E+010.3604E+021.
AR 30AS 30	30.1000E+010.1000E+010.3604E+021.
AS 30AT 30	30.1000E+010.5000E-030.3604E+021.
A1 31A2 31	30.5000E-030.5000E+000.4373E+021.
A2 31A3 31	30.5000E+000.5000E+000.4373E+021.
A3 31A4 31	30.5000E+000.5000E+000.4373E+021.
A4 31A5 31	30.5000E+000.5000E+000.4373E+021.
A5 31A6 31	30.5000E+000.5000E+000.4373E+021.
A6 31A7 31	30.5000E+000.5000E+000.4373E+021.
A7 31A8 31	30.5000E+000.5000E+000.4373E+021.
A8 31A9 31	30.5000E+000.5000E+000.4373E+021.
A9 31AA 31	30.5000E+000.5000E+000.4373E+021.
AA 31AB 31	30.5000E+000.5000E+000.4373E+021.
AB 31AC 31	30.5000E+000.5000E+000.4373E+021.
AC 31AD 31	30.5000E+000.5000E+000.4373E+021.
AD 31AE 31	30.5000E+000.5000E+000.4373E+021.
AE 31AF 31	30.5000E+000.5000E+000.4373E+021.
AF 31AG 31	30.5000E+000.5000E+000.4373E+021.
AG 31AH 31	30.5000E+000.5000E+000.4373E+021.
AH 31AI 31	30.5000E+000.1000E+010.4373E+021.
AI 31AJ 31	30.1000E+010.1000E+010.4373E+021.
AJ 31AK 31	30.1000E+010.1000E+010.4373E+021.
AK 31AL 31	30.1000E+010.1000E+010.4373E+021.
AL 31AM 31	30.1000E+010.1000E+010.4373E+021.
AM 31AN 31	30.1000E+010.1000E+010.4373E+021.
AN 31AO 31	30.1000E+010.1000E+010.4373E+021.
AO 31AP 31	30.1000E+010.1000E+010.4373E+021.
AP 31AQ 31	30.1000E+010.1000E+010.4373E+021.
AQ 31AR 31	30.1000E+010.1000E+010.4373E+021.
AR 31AS 31	30.1000E+010.1000E+010.4373E+021.
AS 31AT 31	30.1000E+010.5000E-030.4373E+021.
A1 32A2 32	30.5000E-030.5000E+000.5302E+021.
A2 32A3 32	30.5000E+000.5000E+000.5302E+021.
A3 32A4 32	30.5000E+000.5000E+000.5302E+021.
A4 32A5 32	30.5000E+000.5000E+000.5302E+021.
A5 32A6 32	30.5000E+000.5000E+000.5302E+021.
A6 32A7 32	30.5000E+000.5000E+000.5302E+021.
A7 32A8 32	30.5000E+000.5000E+000.5302E+021.
A8 32A9 32	30.5000E+000.5000E+000.5302E+021.
A9 32AA 32	30.5000E+000.5000E+000.5302E+021.
AA 32AB 32	30.5000E+000.5000E+000.5302E+021.
AB 32AC 32	30.5000E+000.5000E+000.5302E+021.
AC 32AD 32	30.5000E+000.5000E+000.5302E+021.
AD 32AE 32	30.5000E+000.5000E+000.5302E+021.
AE 32AF 32	30.5000E+000.5000E+000.5302E+021.
AF 32AG 32	30.5000E+000.5000E+000.5302E+021.

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AG 32AH 32	30.5000E+000.5000E+000.5302E+021.
AH 32AI 32	30.5000E+000.1000E+010.5302E+021.
AI 32AJ 32	30.1000E+010.1000E+010.5302E+021.
AJ 32AK 32	30.1000E+010.1000E+010.5302E+021.
AK 32AL 32	30.1000E+010.1000E+010.5302E+021.
AL 32AM 32	30.1000E+010.1000E+010.5302E+021.
AM 32AN 32	30.1000E+010.1000E+010.5302E+021.
AN 32AO 32	30.1000E+010.1000E+010.5302E+021.
AO 32AP 32	30.1000E+010.1000E+010.5302E+021.
AP 32AQ 32	30.1000E+010.1000E+010.5302E+021.
AQ 32AR 32	30.1000E+010.1000E+010.5302E+021.
AR 32AS 32	30.1000E+010.1000E+010.5302E+021.
AS 32AT 32	30.1000E+010.5000E-030.5302E+021.
A1 33A2 33	30.5000E-030.5000E+000.6425E+021.
A2 33A3 33	30.5000E+000.5000E+000.6425E+021.
A3 33A4 33	30.5000E+000.5000E+000.6425E+021.
A4 33A5 33	30.5000E+000.5000E+000.6425E+021.
A5 33A6 33	30.5000E+000.5000E+000.6425E+021.
A6 33A7 33	30.5000E+000.5000E+000.6425E+021.
A7 33A8 33	30.5000E+000.5000E+000.6425E+021.
A8 33A9 33	30.5000E+000.5000E+000.6425E+021.
A9 33AA 33	30.5000E+000.5000E+000.6425E+021.
AA 33AB 33	30.5000E+000.5000E+000.6425E+021.
AB 33AC 33	30.5000E+000.5000E+000.6425E+021.
AC 33AD 33	30.5000E+000.5000E+000.6425E+021.
AD 33AE 33	30.5000E+000.5000E+000.6425E+021.
AE 33AF 33	30.5000E+000.5000E+000.6425E+021.
AF 33AG 33	30.5000E+000.5000E+000.6425E+021.
AG 33AH 33	30.5000E+000.5000E+000.6425E+021.
AH 33AI 33	30.5000E+000.1000E+010.6425E+021.
AI 33AJ 33	30.1000E+010.1000E+010.6425E+021.
AJ 33AK 33	30.1000E+010.1000E+010.6425E+021.
AK 33AL 33	30.1000E+010.1000E+010.6425E+021.
AL 33AM 33	30.1000E+010.1000E+010.6425E+021.
AM 33AN 33	30.1000E+010.1000E+010.6425E+021.
AN 33AO 33	30.1000E+010.1000E+010.6425E+021.
AO 33AP 33	30.1000E+010.1000E+010.6425E+021.
AP 33AQ 33	30.1000E+010.1000E+010.6425E+021.
AQ 33AR 33	30.1000E+010.1000E+010.6425E+021.
AR 33AS 33	30.1000E+010.1000E+010.6425E+021.
AS 33AT 33	30.1000E+010.5000E-030.6425E+021.
A1 34A2 34	30.5000E-030.5000E+000.7783E+021.
A2 34A3 34	30.5000E+000.5000E+000.7783E+021.
A3 34A4 34	30.5000E+000.5000E+000.7783E+021.
A4 34A5 34	30.5000E+000.5000E+000.7783E+021.
A5 34A6 34	30.5000E+000.5000E+000.7783E+021.
A6 34A7 34	30.5000E+000.5000E+000.7783E+021.
A7 34A8 34	30.5000E+000.5000E+000.7783E+021.
A8 34A9 34	30.5000E+000.5000E+000.7783E+021.
A9 34AA 34	30.5000E+000.5000E+000.7783E+021.
AA 34AB 34	30.5000E+000.5000E+000.7783E+021.
AB 34AC 34	30.5000E+000.5000E+000.7783E+021.
AC 34AD 34	30.5000E+000.5000E+000.7783E+021.
AD 34AE 34	30.5000E+000.5000E+000.7783E+021.
AE 34AF 34	30.5000E+000.5000E+000.7783E+021.

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AF 34AG 34	30.5000E+000.5000E+000.7783E+021.
AG 34AH 34	30.5000E+000.5000E+000.7783E+021.
AH 34AI 34	30.5000E+000.1000E+010.7783E+021.
AI 34AJ 34	30.1000E+010.1000E+010.7783E+021.
AJ 34AK 34	30.1000E+010.1000E+010.7783E+021.
AK 34AL 34	30.1000E+010.1000E+010.7783E+021.
AL 34AM 34	30.1000E+010.1000E+010.7783E+021.
AM 34AN 34	30.1000E+010.1000E+010.7783E+021.
AN 34AO 34	30.1000E+010.1000E+010.7783E+021.
AO 34AP 34	30.1000E+010.1000E+010.7783E+021.
AP 34AQ 34	30.1000E+010.1000E+010.7783E+021.
AQ 34AR 34	30.1000E+010.1000E+010.7783E+021.
AR 34AS 34	30.1000E+010.1000E+010.7783E+021.
AS 34AT 34	30.1000E+010.5000E-030.7783E+021.
A1 35A2 35	30.5000E-030.5000E+000.9424E+021.
A2 35A3 35	30.5000E+000.5000E+000.9424E+021.
A3 35A4 35	30.5000E+000.5000E+000.9424E+021.
A4 35A5 35	30.5000E+000.5000E+000.9424E+021.
A5 35A6 35	30.5000E+000.5000E+000.9424E+021.
A6 35A7 35	30.5000E+000.5000E+000.9424E+021.
A7 35A8 35	30.5000E+000.5000E+000.9424E+021.
A8 35A9 35	30.5000E+000.5000E+000.9424E+021.
A9 35AA 35	30.5000E+000.5000E+000.9424E+021.
AA 35AB 35	30.5000E+000.5000E+000.9424E+021.
AB 35AC 35	30.5000E+000.5000E+000.9424E+021.
AC 35AD 35	30.5000E+000.5000E+000.9424E+021.
AD 35AE 35	30.5000E+000.5000E+000.9424E+021.
AE 35AF 35	30.5000E+000.5000E+000.9424E+021.
AF 35AG 35	30.5000E+000.5000E+000.9424E+021.
AG 35AH 35	30.5000E+000.5000E+000.9424E+021.
AH 35AI 35	30.5000E+000.1000E+010.9424E+021.
AI 35AJ 35	30.1000E+010.1000E+010.9424E+021.
AJ 35AK 35	30.1000E+010.1000E+010.9424E+021.
AK 35AL 35	30.1000E+010.1000E+010.9424E+021.
AL 35AM 35	30.1000E+010.1000E+010.9424E+021.
AM 35AN 35	30.1000E+010.1000E+010.9424E+021.
AN 35AO 35	30.1000E+010.1000E+010.9424E+021.
AO 35AP 35	30.1000E+010.1000E+010.9424E+021.
AP 35AQ 35	30.1000E+010.1000E+010.9424E+021.
AQ 35AR 35	30.1000E+010.1000E+010.9424E+021.
AR 35AS 35	30.1000E+010.1000E+010.9424E+021.
AS 35AT 35	30.1000E+010.5000E-030.9424E+021.
A1 36A2 36	30.5000E-030.5000E+000.1141E+031.
A2 36A3 36	30.5000E+000.5000E+000.1141E+031.
A3 36A4 36	30.5000E+000.5000E+000.1141E+031.
A4 36A5 36	30.5000E+000.5000E+000.1141E+031.
A5 36A6 36	30.5000E+000.5000E+000.1141E+031.
A6 36A7 36	30.5000E+000.5000E+000.1141E+031.
A7 36A8 36	30.5000E+000.5000E+000.1141E+031.
A8 36A9 36	30.5000E+000.5000E+000.1141E+031.
A9 36AA 36	30.5000E+000.5000E+000.1141E+031.
AA 36AB 36	30.5000E+000.5000E+000.1141E+031.
AB 36AC 36	30.5000E+000.5000E+000.1141E+031.
AC 36AD 36	30.5000E+000.5000E+000.1141E+031.
AD 36AE 36	30.5000E+000.5000E+000.1141E+031.

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AE 36AF 36	30.5000E+000.5000E+000.1141E+031.
AF 36AG 36	30.5000E+000.5000E+000.1141E+031.
AG 36AH 36	30.5000E+000.5000E+000.1141E+031.
AH 36AI 36	30.5000E+000.1000E+010.1141E+031.
AI 36AJ 36	30.1000E+010.1000E+010.1141E+031.
AJ 36AK 36	30.1000E+010.1000E+010.1141E+031.
AK 36AL 36	30.1000E+010.1000E+010.1141E+031.
AL 36AM 36	30.1000E+010.1000E+010.1141E+031.
AM 36AN 36	30.1000E+010.1000E+010.1141E+031.
AN 36AO 36	30.1000E+010.1000E+010.1141E+031.
AO 36AP 36	30.1000E+010.1000E+010.1141E+031.
AP 36AQ 36	30.1000E+010.1000E+010.1141E+031.
AQ 36AR 36	30.1000E+010.1000E+010.1141E+031.
AR 36AS 36	30.1000E+010.1000E+010.1141E+031.
AS 36AT 36	30.1000E+010.5000E-030.1141E+031.
A1 37A2 37	30.5000E-030.5000E+000.1380E+031.
A2 37A3 37	30.5000E+000.5000E+000.1380E+031.
A3 37A4 37	30.5000E+000.5000E+000.1380E+031.
A4 37A5 37	30.5000E+000.5000E+000.1380E+031.
A5 37A6 37	30.5000E+000.5000E+000.1380E+031.
A6 37A7 37	30.5000E+000.5000E+000.1380E+031.
A7 37A8 37	30.5000E+000.5000E+000.1380E+031.
A8 37A9 37	30.5000E+000.5000E+000.1380E+031.
A9 37AA 37	30.5000E+000.5000E+000.1380E+031.
AA 37AB 37	30.5000E+000.5000E+000.1380E+031.
AB 37AC 37	30.5000E+000.5000E+000.1380E+031.
AC 37AD 37	30.5000E+000.5000E+000.1380E+031.
AD 37AE 37	30.5000E+000.5000E+000.1380E+031.
AE 37AF 37	30.5000E+000.5000E+000.1380E+031.
AF 37AG 37	30.5000E+000.5000E+000.1380E+031.
AG 37AH 37	30.5000E+000.5000E+000.1380E+031.
AH 37AI 37	30.5000E+000.1000E+010.1380E+031.
AI 37AJ 37	30.1000E+010.1000E+010.1380E+031.
AJ 37AK 37	30.1000E+010.1000E+010.1380E+031.
AK 37AL 37	30.1000E+010.1000E+010.1380E+031.
AL 37AM 37	30.1000E+010.1000E+010.1380E+031.
AM 37AN 37	30.1000E+010.1000E+010.1380E+031.
AN 37AO 37	30.1000E+010.1000E+010.1380E+031.
AO 37AP 37	30.1000E+010.1000E+010.1380E+031.
AP 37AQ 37	30.1000E+010.1000E+010.1380E+031.
AQ 37AR 37	30.1000E+010.1000E+010.1380E+031.
AR 37AS 37	30.1000E+010.1000E+010.1380E+031.
AS 37AT 37	30.1000E+010.5000E-030.1380E+031.
A1 38A2 38	30.5000E-030.5000E+000.1670E+031.
A2 38A3 38	30.5000E+000.5000E+000.1670E+031.
A3 38A4 38	30.5000E+000.5000E+000.1670E+031.
A4 38A5 38	30.5000E+000.5000E+000.1670E+031.
A5 38A6 38	30.5000E+000.5000E+000.1670E+031.
A6 38A7 38	30.5000E+000.5000E+000.1670E+031.
A7 38A8 38	30.5000E+000.5000E+000.1670E+031.
A8 38A9 38	30.5000E+000.5000E+000.1670E+031.
A9 38AA 38	30.5000E+000.5000E+000.1670E+031.
AA 38AB 38	30.5000E+000.5000E+000.1670E+031.
AB 38AC 38	30.5000E+000.5000E+000.1670E+031.
AC 38AD 38	30.5000E+000.5000E+000.1670E+031.

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AD 38AE 38	30.5000E+000.5000E+000.1670E+031.
AE 38AF 38	30.5000E+000.5000E+000.1670E+031.
AF 38AG 38	30.5000E+000.5000E+000.1670E+031.
AG 38AH 38	30.5000E+000.5000E+000.1670E+031.
AH 38AI 38	30.5000E+000.1000E+010.1670E+031.
AI 38AJ 38	30.1000E+010.1000E+010.1670E+031.
AJ 38AK 38	30.1000E+010.1000E+010.1670E+031.
AK 38AL 38	30.1000E+010.1000E+010.1670E+031.
AL 38AM 38	30.1000E+010.1000E+010.1670E+031.
AM 38AN 38	30.1000E+010.1000E+010.1670E+031.
AN 38AO 38	30.1000E+010.1000E+010.1670E+031.
AO 38AP 38	30.1000E+010.1000E+010.1670E+031.
AP 38AQ 38	30.1000E+010.1000E+010.1670E+031.
AQ 38AR 38	30.1000E+010.1000E+010.1670E+031.
AR 38AS 38	30.1000E+010.1000E+010.1670E+031.
AS 38AT 38	30.1000E+010.5000E-030.1670E+031.
A1 39A2 39	30.5000E-030.5000E+000.2019E+031.
A2 39A3 39	30.5000E+000.5000E+000.2019E+031.
A3 39A4 39	30.5000E+000.5000E+000.2019E+031.
A4 39A5 39	30.5000E+000.5000E+000.2019E+031.
A5 39A6 39	30.5000E+000.5000E+000.2019E+031.
A6 39A7 39	30.5000E+000.5000E+000.2019E+031.
A7 39A8 39	30.5000E+000.5000E+000.2019E+031.
A8 39A9 39	30.5000E+000.5000E+000.2019E+031.
A9 39AA 39	30.5000E+000.5000E+000.2019E+031.
AA 39AB 39	30.5000E+000.5000E+000.2019E+031.
AB 39AC 39	30.5000E+000.5000E+000.2019E+031.
AC 39AD 39	30.5000E+000.5000E+000.2019E+031.
AD 39AE 39	30.5000E+000.5000E+000.2019E+031.
AE 39AF 39	30.5000E+000.5000E+000.2019E+031.
AF 39AG 39	30.5000E+000.5000E+000.2019E+031.
AG 39AH 39	30.5000E+000.5000E+000.2019E+031.
AH 39AI 39	30.5000E+000.1000E+010.2019E+031.
AI 39AJ 39	30.1000E+010.1000E+010.2019E+031.
AJ 39AK 39	30.1000E+010.1000E+010.2019E+031.
AK 39AL 39	30.1000E+010.1000E+010.2019E+031.
AL 39AM 39	30.1000E+010.1000E+010.2019E+031.
AM 39AN 39	30.1000E+010.1000E+010.2019E+031.
AN 39AO 39	30.1000E+010.1000E+010.2019E+031.
AO 39AP 39	30.1000E+010.1000E+010.2019E+031.
AP 39AQ 39	30.1000E+010.1000E+010.2019E+031.
AQ 39AR 39	30.1000E+010.1000E+010.2019E+031.
AR 39AS 39	30.1000E+010.1000E+010.2019E+031.
AS 39AT 39	30.1000E+010.5000E-030.2019E+031.
A1 40A2 40	30.5000E-030.5000E+000.2441E+031.
A2 40A3 40	30.5000E+000.5000E+000.2441E+031.
A3 40A4 40	30.5000E+000.5000E+000.2441E+031.
A4 40A5 40	30.5000E+000.5000E+000.2441E+031.
A5 40A6 40	30.5000E+000.5000E+000.2441E+031.
A6 40A7 40	30.5000E+000.5000E+000.2441E+031.
A7 40A8 40	30.5000E+000.5000E+000.2441E+031.
A8 40A9 40	30.5000E+000.5000E+000.2441E+031.
A9 40AA 40	30.5000E+000.5000E+000.2441E+031.
AA 40AB 40	30.5000E+000.5000E+000.2441E+031.
AB 40AC 40	30.5000E+000.5000E+000.2441E+031.

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AC 40AD 40	30.5000E+000.5000E+000.2441E+031.
AD 40AE 40	30.5000E+000.5000E+000.2441E+031.
AE 40AF 40	30.5000E+000.5000E+000.2441E+031.
AF 40AG 40	30.5000E+000.5000E+000.2441E+031.
AG 40AH 40	30.5000E+000.5000E+000.2441E+031.
AH 40AI 40	30.5000E+000.1000E+010.2441E+031.
AI 40AJ 40	30.1000E+010.1000E+010.2441E+031.
AJ 40AK 40	30.1000E+010.1000E+010.2441E+031.
AK 40AL 40	30.1000E+010.1000E+010.2441E+031.
AL 40AM 40	30.1000E+010.1000E+010.2441E+031.
AM 40AN 40	30.1000E+010.1000E+010.2441E+031.
AN 40AO 40	30.1000E+010.1000E+010.2441E+031.
AO 40AP 40	30.1000E+010.1000E+010.2441E+031.
AP 40AQ 40	30.1000E+010.1000E+010.2441E+031.
AQ 40AR 40	30.1000E+010.1000E+010.2441E+031.
AR 40AS 40	30.1000E+010.1000E+010.2441E+031.
AS 40AT 40	30.1000E+010.5000E-030.2441E+031.
A1 41A2 41	30.5000E-030.5000E+000.2951E+031.
A2 41A3 41	30.5000E+000.5000E+000.2951E+031.
A3 41A4 41	30.5000E+000.5000E+000.2951E+031.
A4 41A5 41	30.5000E+000.5000E+000.2951E+031.
A5 41A6 41	30.5000E+000.5000E+000.2951E+031.
A6 41A7 41	30.5000E+000.5000E+000.2951E+031.
A7 41A8 41	30.5000E+000.5000E+000.2951E+031.
A8 41A9 41	30.5000E+000.5000E+000.2951E+031.
A9 41AA 41	30.5000E+000.5000E+000.2951E+031.
AA 41AB 41	30.5000E+000.5000E+000.2951E+031.
AB 41AC 41	30.5000E+000.5000E+000.2951E+031.
AC 41AD 41	30.5000E+000.5000E+000.2951E+031.
AD 41AE 41	30.5000E+000.5000E+000.2951E+031.
AE 41AF 41	30.5000E+000.5000E+000.2951E+031.
AF 41AG 41	30.5000E+000.5000E+000.2951E+031.
AG 41AH 41	30.5000E+000.5000E+000.2951E+031.
AH 41AI 41	30.5000E+000.1000E+010.2951E+031.
AI 41AJ 41	30.1000E+010.1000E+010.2951E+031.
AJ 41AK 41	30.1000E+010.1000E+010.2951E+031.
AK 41AL 41	30.1000E+010.1000E+010.2951E+031.
AL 41AM 41	30.1000E+010.1000E+010.2951E+031.
AM 41AN 41	30.1000E+010.1000E+010.2951E+031.
AN 41AO 41	30.1000E+010.1000E+010.2951E+031.
AO 41AP 41	30.1000E+010.1000E+010.2951E+031.
AP 41AQ 41	30.1000E+010.1000E+010.2951E+031.
AQ 41AR 41	30.1000E+010.1000E+010.2951E+031.
AR 41AS 41	30.1000E+010.1000E+010.2951E+031.
AS 41AT 41	30.1000E+010.5000E-030.2951E+031.
A1 42A2 42	30.5000E-030.5000E+000.3566E+031.
A2 42A3 42	30.5000E+000.5000E+000.3566E+031.
A3 42A4 42	30.5000E+000.5000E+000.3566E+031.
A4 42A5 42	30.5000E+000.5000E+000.3566E+031.
A5 42A6 42	30.5000E+000.5000E+000.3566E+031.
A6 42A7 42	30.5000E+000.5000E+000.3566E+031.
A7 42A8 42	30.5000E+000.5000E+000.3566E+031.
A8 42A9 42	30.5000E+000.5000E+000.3566E+031.
A9 42AA 42	30.5000E+000.5000E+000.3566E+031.
AA 42AB 42	30.5000E+000.5000E+000.3566E+031.



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AB 42AC 42	30.5000E+000.5000E+000.3566E+031.
AC 42AD 42	30.5000E+000.5000E+000.3566E+031.
AD 42AE 42	30.5000E+000.5000E+000.3566E+031.
AE 42AF 42	30.5000E+000.5000E+000.3566E+031.
AF 42AG 42	30.5000E+000.5000E+000.3566E+031.
AG 42AH 42	30.5000E+000.5000E+000.3566E+031.
AH 42AI 42	30.5000E+000.1000E+010.3566E+031.
AI 42AJ 42	30.1000E+010.1000E+010.3566E+031.
AJ 42AK 42	30.1000E+010.1000E+010.3566E+031.
AK 42AL 42	30.1000E+010.1000E+010.3566E+031.
AL 42AM 42	30.1000E+010.1000E+010.3566E+031.
AM 42AN 42	30.1000E+010.1000E+010.3566E+031.
AN 42AO 42	30.1000E+010.1000E+010.3566E+031.
AO 42AP 42	30.1000E+010.1000E+010.3566E+031.
AP 42AQ 42	30.1000E+010.1000E+010.3566E+031.
AQ 42AR 42	30.1000E+010.1000E+010.3566E+031.
AR 42AS 42	30.1000E+010.1000E+010.3566E+031.
AS 42AT 42	30.1000E+010.5000E-030.3566E+031.
A1 43A2 43	30.5000E-030.5000E+000.4308E+031.
A2 43A3 43	30.5000E+000.5000E+000.4308E+031.
A3 43A4 43	30.5000E+000.5000E+000.4308E+031.
A4 43A5 43	30.5000E+000.5000E+000.4308E+031.
A5 43A6 43	30.5000E+000.5000E+000.4308E+031.
A6 43A7 43	30.5000E+000.5000E+000.4308E+031.
A7 43A8 43	30.5000E+000.5000E+000.4308E+031.
A8 43A9 43	30.5000E+000.5000E+000.4308E+031.
A9 43AA 43	30.5000E+000.5000E+000.4308E+031.
AA 43AB 43	30.5000E+000.5000E+000.4308E+031.
AB 43AC 43	30.5000E+000.5000E+000.4308E+031.
AC 43AD 43	30.5000E+000.5000E+000.4308E+031.
AD 43AE 43	30.5000E+000.5000E+000.4308E+031.
AE 43AF 43	30.5000E+000.5000E+000.4308E+031.
AF 43AG 43	30.5000E+000.5000E+000.4308E+031.
AG 43AH 43	30.5000E+000.5000E+000.4308E+031.
AH 43AI 43	30.5000E+000.1000E+010.4308E+031.
AI 43AJ 43	30.1000E+010.1000E+010.4308E+031.
AJ 43AK 43	30.1000E+010.1000E+010.4308E+031.
AK 43AL 43	30.1000E+010.1000E+010.4308E+031.
AL 43AM 43	30.1000E+010.1000E+010.4308E+031.
AM 43AN 43	30.1000E+010.1000E+010.4308E+031.
AN 43AO 43	30.1000E+010.1000E+010.4308E+031.
AO 43AP 43	30.1000E+010.1000E+010.4308E+031.
AP 43AQ 43	30.1000E+010.1000E+010.4308E+031.
AQ 43AR 43	30.1000E+010.1000E+010.4308E+031.
AR 43AS 43	30.1000E+010.1000E+010.4308E+031.
AS 43AT 43	30.1000E+010.5000E-030.4308E+031.
A1 44A2 44	30.5000E-030.5000E+000.5205E+031.
A2 44A3 44	30.5000E+000.5000E+000.5205E+031.
A3 44A4 44	30.5000E+000.5000E+000.5205E+031.
A4 44A5 44	30.5000E+000.5000E+000.5205E+031.
A5 44A6 44	30.5000E+000.5000E+000.5205E+031.
A6 44A7 44	30.5000E+000.5000E+000.5205E+031.
A7 44A8 44	30.5000E+000.5000E+000.5205E+031.
A8 44A9 44	30.5000E+000.5000E+000.5205E+031.
A9 44AA 44	30.5000E+000.5000E+000.5205E+031.

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AA 44AB 44	30.5000E+000.5000E+000.5205E+031.
AB 44AC 44	30.5000E+000.5000E+000.5205E+031.
AC 44AD 44	30.5000E+000.5000E+000.5205E+031.
AD 44AE 44	30.5000E+000.5000E+000.5205E+031.
AE 44AF 44	30.5000E+000.5000E+000.5205E+031.
AF 44AG 44	30.5000E+000.5000E+000.5205E+031.
AG 44AH 44	30.5000E+000.5000E+000.5205E+031.
AH 44AI 44	30.5000E+000.1000E+010.5205E+031.
AI 44AJ 44	30.1000E+010.1000E+010.5205E+031.
AJ 44AK 44	30.1000E+010.1000E+010.5205E+031.
AK 44AL 44	30.1000E+010.1000E+010.5205E+031.
AL 44AM 44	30.1000E+010.1000E+010.5205E+031.
AM 44AN 44	30.1000E+010.1000E+010.5205E+031.
AN 44AO 44	30.1000E+010.1000E+010.5205E+031.
AO 44AP 44	30.1000E+010.1000E+010.5205E+031.
AP 44AQ 44	30.1000E+010.1000E+010.5205E+031.
AQ 44AR 44	30.1000E+010.1000E+010.5205E+031.
AR 44AS 44	30.1000E+010.1000E+010.5205E+031.
AS 44AT 44	30.1000E+010.5000E-030.5205E+031.
A1 45A2 45	30.5000E-030.5000E+000.6287E+031.
A2 45A3 45	30.5000E+000.5000E+000.6287E+031.
A3 45A4 45	30.5000E+000.5000E+000.6287E+031.
A4 45A5 45	30.5000E+000.5000E+000.6287E+031.
A5 45A6 45	30.5000E+000.5000E+000.6287E+031.
A6 45A7 45	30.5000E+000.5000E+000.6287E+031.
A7 45A8 45	30.5000E+000.5000E+000.6287E+031.
A8 45A9 45	30.5000E+000.5000E+000.6287E+031.
A9 45AA 45	30.5000E+000.5000E+000.6287E+031.
AA 45AB 45	30.5000E+000.5000E+000.6287E+031.
AB 45AC 45	30.5000E+000.5000E+000.6287E+031.
AC 45AD 45	30.5000E+000.5000E+000.6287E+031.
AD 45AE 45	30.5000E+000.5000E+000.6287E+031.
AE 45AF 45	30.5000E+000.5000E+000.6287E+031.
AF 45AG 45	30.5000E+000.5000E+000.6287E+031.
AG 45AH 45	30.5000E+000.5000E+000.6287E+031.
AH 45AI 45	30.5000E+000.1000E+010.6287E+031.
AI 45AJ 45	30.1000E+010.1000E+010.6287E+031.
AJ 45AK 45	30.1000E+010.1000E+010.6287E+031.
AK 45AL 45	30.1000E+010.1000E+010.6287E+031.
AL 45AM 45	30.1000E+010.1000E+010.6287E+031.
AM 45AN 45	30.1000E+010.1000E+010.6287E+031.
AN 45AO 45	30.1000E+010.1000E+010.6287E+031.
AO 45AP 45	30.1000E+010.1000E+010.6287E+031.
AP 45AQ 45	30.1000E+010.1000E+010.6287E+031.
AQ 45AR 45	30.1000E+010.1000E+010.6287E+031.
AR 45AS 45	30.1000E+010.1000E+010.6287E+031.
AS 45AT 45	30.1000E+010.5000E-030.6287E+031.
A1 46A2 46	30.5000E-030.5000E+000.7593E+031.
A2 46A3 46	30.5000E+000.5000E+000.7593E+031.
A3 46A4 46	30.5000E+000.5000E+000.7593E+031.
A4 46A5 46	30.5000E+000.5000E+000.7593E+031.
A5 46A6 46	30.5000E+000.5000E+000.7593E+031.
A6 46A7 46	30.5000E+000.5000E+000.7593E+031.
A7 46A8 46	30.5000E+000.5000E+000.7593E+031.
A8 46A9 46	30.5000E+000.5000E+000.7593E+031.

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A9 46AA 46	30.5000E+000.5000E+000.7593E+031.
AA 46AB 46	30.5000E+000.5000E+000.7593E+031.
AB 46AC 46	30.5000E+000.5000E+000.7593E+031.
AC 46AD 46	30.5000E+000.5000E+000.7593E+031.
AD 46AE 46	30.5000E+000.5000E+000.7593E+031.
AE 46AF 46	30.5000E+000.5000E+000.7593E+031.
AF 46AG 46	30.5000E+000.5000E+000.7593E+031.
AG 46AH 46	30.5000E+000.5000E+000.7593E+031.
AH 46AI 46	30.5000E+000.1000E+010.7593E+031.
AI 46AJ 46	30.1000E+010.1000E+010.7593E+031.
AJ 46AK 46	30.1000E+010.1000E+010.7593E+031.
AK 46AL 46	30.1000E+010.1000E+010.7593E+031.
AL 46AM 46	30.1000E+010.1000E+010.7593E+031.
AM 46AN 46	30.1000E+010.1000E+010.7593E+031.
AN 46AO 46	30.1000E+010.1000E+010.7593E+031.
AO 46AP 46	30.1000E+010.1000E+010.7593E+031.
AP 46AQ 46	30.1000E+010.1000E+010.7593E+031.
AQ 46AR 46	30.1000E+010.1000E+010.7593E+031.
AR 46AS 46	30.1000E+010.1000E+010.7593E+031.
AS 46AT 46	30.1000E+010.5000E-030.7593E+031.
A1 47A2 47	30.5000E-030.5000E+000.9169E+031.
A2 47A3 47	30.5000E+000.5000E+000.9169E+031.
A3 47A4 47	30.5000E+000.5000E+000.9169E+031.
A4 47A5 47	30.5000E+000.5000E+000.9169E+031.
A5 47A6 47	30.5000E+000.5000E+000.9169E+031.
A6 47A7 47	30.5000E+000.5000E+000.9169E+031.
A7 47A8 47	30.5000E+000.5000E+000.9169E+031.
A8 47A9 47	30.5000E+000.5000E+000.9169E+031.
A9 47AA 47	30.5000E+000.5000E+000.9169E+031.
AA 47AB 47	30.5000E+000.5000E+000.9169E+031.
AB 47AC 47	30.5000E+000.5000E+000.9169E+031.
AC 47AD 47	30.5000E+000.5000E+000.9169E+031.
AD 47AE 47	30.5000E+000.5000E+000.9169E+031.
AE 47AF 47	30.5000E+000.5000E+000.9169E+031.
AF 47AG 47	30.5000E+000.5000E+000.9169E+031.
AG 47AH 47	30.5000E+000.5000E+000.9169E+031.
AH 47AI 47	30.5000E+000.1000E+010.9169E+031.
AI 47AJ 47	30.1000E+010.1000E+010.9169E+031.
AJ 47AK 47	30.1000E+010.1000E+010.9169E+031.
AK 47AL 47	30.1000E+010.1000E+010.9169E+031.
AL 47AM 47	30.1000E+010.1000E+010.9169E+031.
AM 47AN 47	30.1000E+010.1000E+010.9169E+031.
AN 47AO 47	30.1000E+010.1000E+010.9169E+031.
AO 47AP 47	30.1000E+010.1000E+010.9169E+031.
AP 47AQ 47	30.1000E+010.1000E+010.9169E+031.
AQ 47AR 47	30.1000E+010.1000E+010.9169E+031.
AR 47AS 47	30.1000E+010.1000E+010.9169E+031.
AS 47AT 47	30.1000E+010.5000E-030.9169E+031.
A1 48A2 48	30.5000E-030.5000E+000.1107E+041.
A2 48A3 48	30.5000E+000.5000E+000.1107E+041.
A3 48A4 48	30.5000E+000.5000E+000.1107E+041.
A4 48A5 48	30.5000E+000.5000E+000.1107E+041.
A5 48A6 48	30.5000E+000.5000E+000.1107E+041.
A6 48A7 48	30.5000E+000.5000E+000.1107E+041.
A7 48A8 48	30.5000E+000.5000E+000.1107E+041.

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A8 48A9 48	30.5000E+000.5000E+000.1107E+041.
A9 48AA 48	30.5000E+000.5000E+000.1107E+041.
AA 48AB 48	30.5000E+000.5000E+000.1107E+041.
AB 48AC 48	30.5000E+000.5000E+000.1107E+041.
AC 48AD 48	30.5000E+000.5000E+000.1107E+041.
AD 48AE 48	30.5000E+000.5000E+000.1107E+041.
AE 48AF 48	30.5000E+000.5000E+000.1107E+041.
AF 48AG 48	30.5000E+000.5000E+000.1107E+041.
AG 48AH 48	30.5000E+000.5000E+000.1107E+041.
AH 48AI 48	30.5000E+000.1000E+010.1107E+041.
AI 48AJ 48	30.1000E+010.1000E+010.1107E+041.
AJ 48AK 48	30.1000E+010.1000E+010.1107E+041.
AK 48AL 48	30.1000E+010.1000E+010.1107E+041.
AL 48AM 48	30.1000E+010.1000E+010.1107E+041.
AM 48AN 48	30.1000E+010.1000E+010.1107E+041.
AN 48AO 48	30.1000E+010.1000E+010.1107E+041.
AO 48AP 48	30.1000E+010.1000E+010.1107E+041.
AP 48AQ 48	30.1000E+010.1000E+010.1107E+041.
AQ 48AR 48	30.1000E+010.1000E+010.1107E+041.
AR 48AS 48	30.1000E+010.1000E+010.1107E+041.
AS 48AT 48	30.1000E+010.5000E-030.1107E+041.
A1 49A2 49	30.5000E-030.5000E+000.1337E+041.
A2 49A3 49	30.5000E+000.5000E+000.1337E+041.
A3 49A4 49	30.5000E+000.5000E+000.1337E+041.
A4 49A5 49	30.5000E+000.5000E+000.1337E+041.
A5 49A6 49	30.5000E+000.5000E+000.1337E+041.
A6 49A7 49	30.5000E+000.5000E+000.1337E+041.
A7 49A8 49	30.5000E+000.5000E+000.1337E+041.
A8 49A9 49	30.5000E+000.5000E+000.1337E+041.
A9 49AA 49	30.5000E+000.5000E+000.1337E+041.
AA 49AB 49	30.5000E+000.5000E+000.1337E+041.
AB 49AC 49	30.5000E+000.5000E+000.1337E+041.
AC 49AD 49	30.5000E+000.5000E+000.1337E+041.
AD 49AE 49	30.5000E+000.5000E+000.1337E+041.
AE 49AF 49	30.5000E+000.5000E+000.1337E+041.
AF 49AG 49	30.5000E+000.5000E+000.1337E+041.
AG 49AH 49	30.5000E+000.5000E+000.1337E+041.
AH 49AI 49	30.5000E+000.1000E+010.1337E+041.
AI 49AJ 49	30.1000E+010.1000E+010.1337E+041.
AJ 49AK 49	30.1000E+010.1000E+010.1337E+041.
AK 49AL 49	30.1000E+010.1000E+010.1337E+041.
AL 49AM 49	30.1000E+010.1000E+010.1337E+041.
AM 49AN 49	30.1000E+010.1000E+010.1337E+041.
AN 49AO 49	30.1000E+010.1000E+010.1337E+041.
AO 49AP 49	30.1000E+010.1000E+010.1337E+041.
AP 49AQ 49	30.1000E+010.1000E+010.1337E+041.
AQ 49AR 49	30.1000E+010.1000E+010.1337E+041.
AR 49AS 49	30.1000E+010.1000E+010.1337E+041.
AS 49AT 49	30.1000E+010.5000E-030.1337E+041.
A1 50A2 50	30.5000E-030.5000E+000.1613E+041.
A2 50A3 50	30.5000E+000.5000E+000.1613E+041.
A3 50A4 50	30.5000E+000.5000E+000.1613E+041.
A4 50A5 50	30.5000E+000.5000E+000.1613E+041.
A5 50A6 50	30.5000E+000.5000E+000.1613E+041.
A6 50A7 50	30.5000E+000.5000E+000.1613E+041.

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A7 50A8 50	30.5000E+000.5000E+000.1613E+041.
A8 50A9 50	30.5000E+000.5000E+000.1613E+041.
A9 50AA 50	30.5000E+000.5000E+000.1613E+041.
AA 50AB 50	30.5000E+000.5000E+000.1613E+041.
AB 50AC 50	30.5000E+000.5000E+000.1613E+041.
AC 50AD 50	30.5000E+000.5000E+000.1613E+041.
AD 50AE 50	30.5000E+000.5000E+000.1613E+041.
AE 50AF 50	30.5000E+000.5000E+000.1613E+041.
AF 50AG 50	30.5000E+000.5000E+000.1613E+041.
AG 50AH 50	30.5000E+000.5000E+000.1613E+041.
AH 50AI 50	30.5000E+000.1000E+010.1613E+041.
AI 50AJ 50	30.1000E+010.1000E+010.1613E+041.
AJ 50AK 50	30.1000E+010.1000E+010.1613E+041.
AK 50AL 50	30.1000E+010.1000E+010.1613E+041.
AL 50AM 50	30.1000E+010.1000E+010.1613E+041.
AM 50AN 50	30.1000E+010.1000E+010.1613E+041.
AN 50AO 50	30.1000E+010.1000E+010.1613E+041.
AO 50AP 50	30.1000E+010.1000E+010.1613E+041.
AP 50AQ 50	30.1000E+010.1000E+010.1613E+041.
AQ 50AR 50	30.1000E+010.1000E+010.1613E+041.
AR 50AS 50	30.1000E+010.1000E+010.1613E+041.
AS 50AT 50	30.1000E+010.5000E-030.1613E+041.
A1 51A2 51	30.5000E-030.5000E+000.1948E+041.
A2 51A3 51	30.5000E+000.5000E+000.1948E+041.
A3 51A4 51	30.5000E+000.5000E+000.1948E+041.
A4 51A5 51	30.5000E+000.5000E+000.1948E+041.
A5 51A6 51	30.5000E+000.5000E+000.1948E+041.
A6 51A7 51	30.5000E+000.5000E+000.1948E+041.
A7 51A8 51	30.5000E+000.5000E+000.1948E+041.
A8 51A9 51	30.5000E+000.5000E+000.1948E+041.
A9 51AA 51	30.5000E+000.5000E+000.1948E+041.
AA 51AB 51	30.5000E+000.5000E+000.1948E+041.
AB 51AC 51	30.5000E+000.5000E+000.1948E+041.
AC 51AD 51	30.5000E+000.5000E+000.1948E+041.
AD 51AE 51	30.5000E+000.5000E+000.1948E+041.
AE 51AF 51	30.5000E+000.5000E+000.1948E+041.
AF 51AG 51	30.5000E+000.5000E+000.1948E+041.
AG 51AH 51	30.5000E+000.5000E+000.1948E+041.
AH 51AI 51	30.5000E+000.1000E+010.1948E+041.
AI 51AJ 51	30.1000E+010.1000E+010.1948E+041.
AJ 51AK 51	30.1000E+010.1000E+010.1948E+041.
AK 51AL 51	30.1000E+010.1000E+010.1948E+041.
AL 51AM 51	30.1000E+010.1000E+010.1948E+041.
AM 51AN 51	30.1000E+010.1000E+010.1948E+041.
AN 51AO 51	30.1000E+010.1000E+010.1948E+041.
AO 51AP 51	30.1000E+010.1000E+010.1948E+041.
AP 51AQ 51	30.1000E+010.1000E+010.1948E+041.
AQ 51AR 51	30.1000E+010.1000E+010.1948E+041.
AR 51AS 51	30.1000E+010.1000E+010.1948E+041.
AS 51AT 51	30.1000E+010.5000E-030.1948E+041.
A1 52A2 52	30.5000E-030.5000E+000.3276E+041.
A2 52A3 52	30.5000E+000.5000E+000.3276E+041.
A3 52A4 52	30.5000E+000.5000E+000.3276E+041.
A4 52A5 52	30.5000E+000.5000E+000.3276E+041.
A5 52A6 52	30.5000E+000.5000E+000.3276E+041.

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A6 52A7 52	30.5000E+000.5000E+000.3276E+041.
A7 52A8 52	30.5000E+000.5000E+000.3276E+041.
A8 52A9 52	30.5000E+000.5000E+000.3276E+041.
A9 52AA 52	30.5000E+000.5000E+000.3276E+041.
AA 52AB 52	30.5000E+000.5000E+000.3276E+041.
AB 52AC 52	30.5000E+000.5000E+000.3276E+041.
AC 52AD 52	30.5000E+000.5000E+000.3276E+041.
AD 52AE 52	30.5000E+000.5000E+000.3276E+041.
AE 52AF 52	30.5000E+000.5000E+000.3276E+041.
AF 52AG 52	30.5000E+000.5000E+000.3276E+041.
AG 52AH 52	30.5000E+000.5000E+000.3276E+041.
AH 52AI 52	30.5000E+000.1000E+010.3276E+041.
AI 52AJ 52	30.1000E+010.1000E+010.3276E+041.
AJ 52AK 52	30.1000E+010.1000E+010.3276E+041.
AK 52AL 52	30.1000E+010.1000E+010.3276E+041.
AL 52AM 52	30.1000E+010.1000E+010.3276E+041.
AM 52AN 52	30.1000E+010.1000E+010.3276E+041.
AN 52AO 52	30.1000E+010.1000E+010.3276E+041.
AO 52AP 52	30.1000E+010.1000E+010.3276E+041.
AP 52AQ 52	30.1000E+010.1000E+010.3276E+041.
AQ 52AR 52	30.1000E+010.1000E+010.3276E+041.
AR 52AS 52	30.1000E+010.1000E+010.3276E+041.
AS 52AT 52	30.1000E+010.5000E-030.3276E+041.
A1 53A2 53	30.5000E-030.5000E+000.5710E+041.
A2 53A3 53	30.5000E+000.5000E+000.5710E+041.
A3 53A4 53	30.5000E+000.5000E+000.5710E+041.
A4 53A5 53	30.5000E+000.5000E+000.5710E+041.
A5 53A6 53	30.5000E+000.5000E+000.5710E+041.
A6 53A7 53	30.5000E+000.5000E+000.5710E+041.
A7 53A8 53	30.5000E+000.5000E+000.5710E+041.
A8 53A9 53	30.5000E+000.5000E+000.5710E+041.
A9 53AA 53	30.5000E+000.5000E+000.5710E+041.
AA 53AB 53	30.5000E+000.5000E+000.5710E+041.
AB 53AC 53	30.5000E+000.5000E+000.5710E+041.
AC 53AD 53	30.5000E+000.5000E+000.5710E+041.
AD 53AE 53	30.5000E+000.5000E+000.5710E+041.
AE 53AF 53	30.5000E+000.5000E+000.5710E+041.
AF 53AG 53	30.5000E+000.5000E+000.5710E+041.
AG 53AH 53	30.5000E+000.5000E+000.5710E+041.
AH 53AI 53	30.5000E+000.1000E+010.5710E+041.
AI 53AJ 53	30.1000E+010.1000E+010.5710E+041.
AJ 53AK 53	30.1000E+010.1000E+010.5710E+041.
AK 53AL 53	30.1000E+010.1000E+010.5710E+041.
AL 53AM 53	30.1000E+010.1000E+010.5710E+041.
AM 53AN 53	30.1000E+010.1000E+010.5710E+041.
AN 53AO 53	30.1000E+010.1000E+010.5710E+041.
AO 53AP 53	30.1000E+010.1000E+010.5710E+041.
AP 53AQ 53	30.1000E+010.1000E+010.5710E+041.
AQ 53AR 53	30.1000E+010.1000E+010.5710E+041.
AR 53AS 53	30.1000E+010.1000E+010.5710E+041.
AS 53AT 53	30.1000E+010.5000E-030.5710E+041.
A1 54A2 54	30.5000E-030.5000E+000.1036E+051.
A2 54A3 54	30.5000E+000.5000E+000.1036E+051.
A3 54A4 54	30.5000E+000.5000E+000.1036E+051.
A4 54A5 54	30.5000E+000.5000E+000.1036E+051.

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A5 54A6 54	30.5000E+000.5000E+000.1036E+051.
A6 54A7 54	30.5000E+000.5000E+000.1036E+051.
A7 54A8 54	30.5000E+000.5000E+000.1036E+051.
A8 54A9 54	30.5000E+000.5000E+000.1036E+051.
A9 54AA 54	30.5000E+000.5000E+000.1036E+051.
AA 54AB 54	30.5000E+000.5000E+000.1036E+051.
AB 54AC 54	30.5000E+000.5000E+000.1036E+051.
AC 54AD 54	30.5000E+000.5000E+000.1036E+051.
AD 54AE 54	30.5000E+000.5000E+000.1036E+051.
AE 54AF 54	30.5000E+000.5000E+000.1036E+051.
AF 54AG 54	30.5000E+000.5000E+000.1036E+051.
AG 54AH 54	30.5000E+000.5000E+000.1036E+051.
AH 54AI 54	30.5000E+000.1000E+010.1036E+051.
AI 54AJ 54	30.1000E+010.1000E+010.1036E+051.
AJ 54AK 54	30.1000E+010.1000E+010.1036E+051.
AK 54AL 54	30.1000E+010.1000E+010.1036E+051.
AL 54AM 54	30.1000E+010.1000E+010.1036E+051.
AM 54AN 54	30.1000E+010.1000E+010.1036E+051.
AN 54AO 54	30.1000E+010.1000E+010.1036E+051.
AO 54AP 54	30.1000E+010.1000E+010.1036E+051.
AP 54AQ 54	30.1000E+010.1000E+010.1036E+051.
AQ 54AR 54	30.1000E+010.1000E+010.1036E+051.
AR 54AS 54	30.1000E+010.1000E+010.1036E+051.
AS 54AT 54	30.1000E+010.5000E-030.1036E+051.
A1 55A2 55	30.5000E-030.5000E+000.1959E+051.
A2 55A3 55	30.5000E+000.5000E+000.1959E+051.
A3 55A4 55	30.5000E+000.5000E+000.1959E+051.
A4 55A5 55	30.5000E+000.5000E+000.1959E+051.
A5 55A6 55	30.5000E+000.5000E+000.1959E+051.
A6 55A7 55	30.5000E+000.5000E+000.1959E+051.
A7 55A8 55	30.5000E+000.5000E+000.1959E+051.
A8 55A9 55	30.5000E+000.5000E+000.1959E+051.
A9 55AA 55	30.5000E+000.5000E+000.1959E+051.
AA 55AB 55	30.5000E+000.5000E+000.1959E+051.
AB 55AC 55	30.5000E+000.5000E+000.1959E+051.
AC 55AD 55	30.5000E+000.5000E+000.1959E+051.
AD 55AE 55	30.5000E+000.5000E+000.1959E+051.
AE 55AF 55	30.5000E+000.5000E+000.1959E+051.
AF 55AG 55	30.5000E+000.5000E+000.1959E+051.
AG 55AH 55	30.5000E+000.5000E+000.1959E+051.
AH 55AI 55	30.5000E+000.1000E+010.1959E+051.
AI 55AJ 55	30.1000E+010.1000E+010.1959E+051.
AJ 55AK 55	30.1000E+010.1000E+010.1959E+051.
AK 55AL 55	30.1000E+010.1000E+010.1959E+051.
AL 55AM 55	30.1000E+010.1000E+010.1959E+051.
AM 55AN 55	30.1000E+010.1000E+010.1959E+051.
AN 55AO 55	30.1000E+010.1000E+010.1959E+051.
AO 55AP 55	30.1000E+010.1000E+010.1959E+051.
AP 55AQ 55	30.1000E+010.1000E+010.1959E+051.
AQ 55AR 55	30.1000E+010.1000E+010.1959E+051.
AR 55AS 55	30.1000E+010.1000E+010.1959E+051.
AS 55AT 55	30.1000E+010.5000E-030.1959E+051.
A1 56A2 56	30.5000E-030.5000E+000.3853E+051.
A2 56A3 56	30.5000E+000.5000E+000.3853E+051.
A3 56A4 56	30.5000E+000.5000E+000.3853E+051.

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A4 56A5 56	30.5000E+000.5000E+000.3853E+051.
A5 56A6 56	30.5000E+000.5000E+000.3853E+051.
A6 56A7 56	30.5000E+000.5000E+000.3853E+051.
A7 56A8 56	30.5000E+000.5000E+000.3853E+051.
A8 56A9 56	30.5000E+000.5000E+000.3853E+051.
A9 56AA 56	30.5000E+000.5000E+000.3853E+051.
AA 56AB 56	30.5000E+000.5000E+000.3853E+051.
AB 56AC 56	30.5000E+000.5000E+000.3853E+051.
AC 56AD 56	30.5000E+000.5000E+000.3853E+051.
AD 56AE 56	30.5000E+000.5000E+000.3853E+051.
AE 56AF 56	30.5000E+000.5000E+000.3853E+051.
AF 56AG 56	30.5000E+000.5000E+000.3853E+051.
AG 56AH 56	30.5000E+000.5000E+000.3853E+051.
AH 56AI 56	30.5000E+000.1000E+010.3853E+051.
AI 56AJ 56	30.1000E+010.1000E+010.3853E+051.
AJ 56AK 56	30.1000E+010.1000E+010.3853E+051.
AK 56AL 56	30.1000E+010.1000E+010.3853E+051.
AL 56AM 56	30.1000E+010.1000E+010.3853E+051.
AM 56AN 56	30.1000E+010.1000E+010.3853E+051.
AN 56AO 56	30.1000E+010.1000E+010.3853E+051.
AO 56AP 56	30.1000E+010.1000E+010.3853E+051.
AP 56AQ 56	30.1000E+010.1000E+010.3853E+051.
AQ 56AR 56	30.1000E+010.1000E+010.3853E+051.
AR 56AS 56	30.1000E+010.1000E+010.3853E+051.
AS 56AT 56	30.1000E+010.5000E-030.3853E+051.
A1 57A2 57	30.5000E-030.5000E+000.7846E+051.
A2 57A3 57	30.5000E+000.5000E+000.7846E+051.
A3 57A4 57	30.5000E+000.5000E+000.7846E+051.
A4 57A5 57	30.5000E+000.5000E+000.7846E+051.
A5 57A6 57	30.5000E+000.5000E+000.7846E+051.
A6 57A7 57	30.5000E+000.5000E+000.7846E+051.
A7 57A8 57	30.5000E+000.5000E+000.7846E+051.
A8 57A9 57	30.5000E+000.5000E+000.7846E+051.
A9 57AA 57	30.5000E+000.5000E+000.7846E+051.
AA 57AB 57	30.5000E+000.5000E+000.7846E+051.
AB 57AC 57	30.5000E+000.5000E+000.7846E+051.
AC 57AD 57	30.5000E+000.5000E+000.7846E+051.
AD 57AE 57	30.5000E+000.5000E+000.7846E+051.
AE 57AF 57	30.5000E+000.5000E+000.7846E+051.
AF 57AG 57	30.5000E+000.5000E+000.7846E+051.
AG 57AH 57	30.5000E+000.5000E+000.7846E+051.
AH 57AI 57	30.5000E+000.1000E+010.7846E+051.
AI 57AJ 57	30.1000E+010.1000E+010.7846E+051.
AJ 57AK 57	30.1000E+010.1000E+010.7846E+051.
AK 57AL 57	30.1000E+010.1000E+010.7846E+051.
AL 57AM 57	30.1000E+010.1000E+010.7846E+051.
AM 57AN 57	30.1000E+010.1000E+010.7846E+051.
AN 57AO 57	30.1000E+010.1000E+010.7846E+051.
AO 57AP 57	30.1000E+010.1000E+010.7846E+051.
AP 57AQ 57	30.1000E+010.1000E+010.7846E+051.
AQ 57AR 57	30.1000E+010.1000E+010.7846E+051.
AR 57AS 57	30.1000E+010.1000E+010.7846E+051.
AS 57AT 57	30.1000E+010.5000E-030.7846E+051.
A1 58A2 58	30.5000E-030.5000E+000.1644E+061.
A2 58A3 58	30.5000E+000.5000E+000.1644E+061.



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A3 58A4 58	30.5000E+000.5000E+000.1644E+061.
A4 58A5 58	30.5000E+000.5000E+000.1644E+061.
A5 58A6 58	30.5000E+000.5000E+000.1644E+061.
A6 58A7 58	30.5000E+000.5000E+000.1644E+061.
A7 58A8 58	30.5000E+000.5000E+000.1644E+061.
A8 58A9 58	30.5000E+000.5000E+000.1644E+061.
A9 58AA 58	30.5000E+000.5000E+000.1644E+061.
AA 58AB 58	30.5000E+000.5000E+000.1644E+061.
AB 58AC 58	30.5000E+000.5000E+000.1644E+061.
AC 58AD 58	30.5000E+000.5000E+000.1644E+061.
AD 58AE 58	30.5000E+000.5000E+000.1644E+061.
AE 58AF 58	30.5000E+000.5000E+000.1644E+061.
AF 58AG 58	30.5000E+000.5000E+000.1644E+061.
AG 58AH 58	30.5000E+000.5000E+000.1644E+061.
AH 58AI 58	30.5000E+000.1000E+010.1644E+061.
AI 58AJ 58	30.1000E+010.1000E+010.1644E+061.
AJ 58AK 58	30.1000E+010.1000E+010.1644E+061.
AK 58AL 58	30.1000E+010.1000E+010.1644E+061.
AL 58AM 58	30.1000E+010.1000E+010.1644E+061.
AM 58AN 58	30.1000E+010.1000E+010.1644E+061.
AN 58AO 58	30.1000E+010.1000E+010.1644E+061.
AO 58AP 58	30.1000E+010.1000E+010.1644E+061.
AP 58AQ 58	30.1000E+010.1000E+010.1644E+061.
AQ 58AR 58	30.1000E+010.1000E+010.1644E+061.
AR 58AS 58	30.1000E+010.1000E+010.1644E+061.
AS 58AT 58	30.1000E+010.5000E-030.1644E+061.
A1 59A2 59	30.5000E-030.5000E+000.3522E+061.
A2 59A3 59	30.5000E+000.5000E+000.3522E+061.
A3 59A4 59	30.5000E+000.5000E+000.3522E+061.
A4 59A5 59	30.5000E+000.5000E+000.3522E+061.
A5 59A6 59	30.5000E+000.5000E+000.3522E+061.
A6 59A7 59	30.5000E+000.5000E+000.3522E+061.
A7 59A8 59	30.5000E+000.5000E+000.3522E+061.
A8 59A9 59	30.5000E+000.5000E+000.3522E+061.
A9 59AA 59	30.5000E+000.5000E+000.3522E+061.
AA 59AB 59	30.5000E+000.5000E+000.3522E+061.
AB 59AC 59	30.5000E+000.5000E+000.3522E+061.
AC 59AD 59	30.5000E+000.5000E+000.3522E+061.
AD 59AE 59	30.5000E+000.5000E+000.3522E+061.
AE 59AF 59	30.5000E+000.5000E+000.3522E+061.
AF 59AG 59	30.5000E+000.5000E+000.3522E+061.
AG 59AH 59	30.5000E+000.5000E+000.3522E+061.
AH 59AI 59	30.5000E+000.1000E+010.3522E+061.
AI 59AJ 59	30.1000E+010.1000E+010.3522E+061.
AJ 59AK 59	30.1000E+010.1000E+010.3522E+061.
AK 59AL 59	30.1000E+010.1000E+010.3522E+061.
AL 59AM 59	30.1000E+010.1000E+010.3522E+061.
AM 59AN 59	30.1000E+010.1000E+010.3522E+061.
AN 59AO 59	30.1000E+010.1000E+010.3522E+061.
AO 59AP 59	30.1000E+010.1000E+010.3522E+061.
AP 59AQ 59	30.1000E+010.1000E+010.3522E+061.
AQ 59AR 59	30.1000E+010.1000E+010.3522E+061.
AR 59AS 59	30.1000E+010.1000E+010.3522E+061.
AS 59AT 59	30.1000E+010.5000E-030.3522E+061.
A1 60A2 60	30.5000E-030.5000E+000.7671E+061.

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A2 60A3 60	30.5000E+000.5000E+000.7671E+061.
A3 60A4 60	30.5000E+000.5000E+000.7671E+061.
A4 60A5 60	30.5000E+000.5000E+000.7671E+061.
A5 60A6 60	30.5000E+000.5000E+000.7671E+061.
A6 60A7 60	30.5000E+000.5000E+000.7671E+061.
A7 60A8 60	30.5000E+000.5000E+000.7671E+061.
A8 60A9 60	30.5000E+000.5000E+000.7671E+061.
A9 60AA 60	30.5000E+000.5000E+000.7671E+061.
AA 60AB 60	30.5000E+000.5000E+000.7671E+061.
AB 60AC 60	30.5000E+000.5000E+000.7671E+061.
AC 60AD 60	30.5000E+000.5000E+000.7671E+061.
AD 60AE 60	30.5000E+000.5000E+000.7671E+061.
AE 60AF 60	30.5000E+000.5000E+000.7671E+061.
AF 60AG 60	30.5000E+000.5000E+000.7671E+061.
AG 60AH 60	30.5000E+000.5000E+000.7671E+061.
AH 60AI 60	30.5000E+000.1000E+010.7671E+061.
AI 60AJ 60	30.1000E+010.1000E+010.7671E+061.
AJ 60AK 60	30.1000E+010.1000E+010.7671E+061.
AK 60AL 60	30.1000E+010.1000E+010.7671E+061.
AL 60AM 60	30.1000E+010.1000E+010.7671E+061.
AM 60AN 60	30.1000E+010.1000E+010.7671E+061.
AN 60AO 60	30.1000E+010.1000E+010.7671E+061.
AO 60AP 60	30.1000E+010.1000E+010.7671E+061.
AP 60AQ 60	30.1000E+010.1000E+010.7671E+061.
AQ 60AR 60	30.1000E+010.1000E+010.7671E+061.
AR 60AS 60	30.1000E+010.1000E+010.7671E+061.
AS 60AT 60	30.1000E+010.5000E-030.7671E+061.
A1 61A2 61	30.5000E-030.5000E+000.1691E+071.
A2 61A3 61	30.5000E+000.5000E+000.1691E+071.
A3 61A4 61	30.5000E+000.5000E+000.1691E+071.
A4 61A5 61	30.5000E+000.5000E+000.1691E+071.
A5 61A6 61	30.5000E+000.5000E+000.1691E+071.
A6 61A7 61	30.5000E+000.5000E+000.1691E+071.
A7 61A8 61	30.5000E+000.5000E+000.1691E+071.
A8 61A9 61	30.5000E+000.5000E+000.1691E+071.
A9 61AA 61	30.5000E+000.5000E+000.1691E+071.
AA 61AB 61	30.5000E+000.5000E+000.1691E+071.
AB 61AC 61	30.5000E+000.5000E+000.1691E+071.
AC 61AD 61	30.5000E+000.5000E+000.1691E+071.
AD 61AE 61	30.5000E+000.5000E+000.1691E+071.
AE 61AF 61	30.5000E+000.5000E+000.1691E+071.
AF 61AG 61	30.5000E+000.5000E+000.1691E+071.
AG 61AH 61	30.5000E+000.5000E+000.1691E+071.
AH 61AI 61	30.5000E+000.1000E+010.1691E+071.
AI 61AJ 61	30.1000E+010.1000E+010.1691E+071.
AJ 61AK 61	30.1000E+010.1000E+010.1691E+071.
AK 61AL 61	30.1000E+010.1000E+010.1691E+071.
AL 61AM 61	30.1000E+010.1000E+010.1691E+071.
AM 61AN 61	30.1000E+010.1000E+010.1691E+071.
AN 61AO 61	30.1000E+010.1000E+010.1691E+071.
AO 61AP 61	30.1000E+010.1000E+010.1691E+071.
AP 61AQ 61	30.1000E+010.1000E+010.1691E+071.
AQ 61AR 61	30.1000E+010.1000E+010.1691E+071.
AR 61AS 61	30.1000E+010.1000E+010.1691E+071.
AS 61AT 61	30.1000E+010.5000E-030.1691E+071.

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A1 62A2 62	30.5000E-030.5000E+000.6283E+011.
A2 62A3 62	30.5000E+000.5000E+000.6283E+011.
A3 62A4 62	30.5000E+000.5000E+000.6283E+011.
A4 62A5 62	30.5000E+000.5000E+000.6283E+011.
A5 62A6 62	30.5000E+000.5000E+000.6283E+011.
A6 62A7 62	30.5000E+000.5000E+000.6283E+011.
A7 62A8 62	30.5000E+000.5000E+000.6283E+011.
A8 62A9 62	30.5000E+000.5000E+000.6283E+011.
A9 62AA 62	30.5000E+000.5000E+000.6283E+011.
AA 62AB 62	30.5000E+000.5000E+000.6283E+011.
AB 62AC 62	30.5000E+000.5000E+000.6283E+011.
AC 62AD 62	30.5000E+000.5000E+000.6283E+011.
AD 62AE 62	30.5000E+000.5000E+000.6283E+011.
AE 62AF 62	30.5000E+000.5000E+000.6283E+011.
AF 62AG 62	30.5000E+000.5000E+000.6283E+011.
AG 62AH 62	30.5000E+000.5000E+000.6283E+011.
AH 62AI 62	30.5000E+000.1000E+010.6283E+011.
AI 62AJ 62	30.1000E+010.1000E+010.6283E+011.
AJ 62AK 62	30.1000E+010.1000E+010.6283E+011.
AK 62AL 62	30.1000E+010.1000E+010.6283E+011.
AL 62AM 62	30.1000E+010.1000E+010.6283E+011.
AM 62AN 62	30.1000E+010.1000E+010.6283E+011.
AN 62AO 62	30.1000E+010.1000E+010.6283E+011.
AO 62AP 62	30.1000E+010.1000E+010.6283E+011.
AP 62AQ 62	30.1000E+010.1000E+010.6283E+011.
AQ 62AR 62	30.1000E+010.1000E+010.6283E+011.
AR 62AS 62	30.1000E+010.1000E+010.6283E+011.
AS 62AT 62	30.1000E+010.5000E-030.6283E+011.

# TMVOC Initial Conditions (INCON) File

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INCON -- INITIAL CONDITIONS FOR 1800 ELEMENTS AT TIME 0.219903E+14
A2 1      0.20000000E+00 4
0.1013058503486E+06 0.1915032900422E-18 0.1951994633691E+00 0.7817330267822E+00
0.2250023829624E+00 0.20000000000000E+02
A2 2      0.20000000E+00 4
0.1013058503459E+06 0.8375035353058E-19 0.1951942176746E+00 0.7817402973117E+00
0.2250023829659E+00 0.20000000000000E+02
A2 3      0.20000000E+00 4
0.1013058503451E+06 0.1447552571667E-18 0.1951924280837E+00 0.7817427787349E+00
0.2250023829671E+00 0.20000000000000E+02
A2 4      0.20000000E+00 4
0.1013058503450E+06 0.9420703541168E-19 0.1951922260678E+00 0.7817430601063E+00
0.2250023829673E+00 0.20000000000000E+02
A2 5      0.20000000E+00 4
0.1013058503450E+06 0.1519921147758E-18 0.1951920755134E+00 0.7817432696098E+00
0.2250023829674E+00 0.20000000000000E+02
A2 6      0.20000000E+00 4
0.1013058503447E+06 0.3036023730682E-18 0.1951915351506E+00 0.7817440196928E+00
0.2250023829677E+00 0.20000000000000E+02
A2 7      0.20000000E+00 4
0.1013058503448E+06 0.8902110157461E-19 0.1951917291873E+00 0.7817437506678E+00
0.2250023829676E+00 0.20000000000000E+02
A2 8      0.20000000E+00 4
0.1013058503453E+06 0.3119460226530E-19 0.1951927537565E+00 0.7817423290632E+00
0.2250023829669E+00 0.20000000000000E+02
A2 9      0.20000000E+00 4
0.1013058503448E+06 0.1247706345702E-18 0.1951917830047E+00 0.7817436762002E+00
0.2250023829676E+00 0.20000000000000E+02
A2 10     0.20000000E+00 4
0.1013058503451E+06 0.4754620328289E-18 0.1951923437408E+00 0.7817428954777E+00
0.2250023829672E+00 0.20000000000000E+02
A2 11     0.20000000E+00 4
0.1013058503456E+06 0.9999428271259E-30 0.1951933843651E+00 0.7817414522661E+00
0.2250023829665E+00 0.20000000000000E+02
A2 12     0.20000000E+00 4
0.1013058503449E+06 0.5950651004440E-19 0.1951920052119E+00 0.7817433651041E+00
0.2250023829674E+00 0.20000000000000E+02
A2 13     0.20000000E+00 4
0.1013058503449E+06 0.8866044957720E-19 0.1951920242478E+00 0.7817433414452E+00
0.2250023829674E+00 0.20000000000000E+02
A2 14     0.20000000E+00 4
0.1013058503450E+06 0.2756525049881E-18 0.1951921640921E+00 0.7817431463578E+00
0.2250023829673E+00 0.20000000000000E+02
A2 15     0.20000000E+00 4
0.1013058503449E+06 0.1040018222279E-18 0.1951919523972E+00 0.7817434393209E+00
0.2250023829675E+00 0.20000000000000E+02
A2 16     0.20000000E+00 4
0.1013058503448E+06 0.3576582209230E-18 0.1951917814686E+00 0.7817436806211E+00
0.2250023829676E+00 0.20000000000000E+02
A2 17     0.20000000E+00 4
0.1013058503450E+06 0.6466826960932E-19 0.1951921613637E+00 0.7817431505167E+00
0.2250023829673E+00 0.20000000000000E+02
A2 18     0.20000000E+00 4
0.1013058503451E+06 0.7635201316826E-19 0.1951922458864E+00 0.7817430326774E+00
0.2250023829673E+00 0.20000000000000E+02
A2 19     0.20000000E+00 4
0.1013058503449E+06 0.5679086356887E-19 0.1951918686429E+00 0.7817435600255E+00
0.2250023829675E+00 0.20000000000000E+02
A2 20     0.20000000E+00 4
  
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# TMVOC Initial Conditions (INCON) File

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0.2250023829671E+00 0.20000000000000E+02
A2 21 0.20000000E+00 4
0.1013058503451E+06 0.8926928037576E-19 0.1951922553508E+00 0.7817430188867E+00
0.2250023829673E+00 0.20000000000000E+02
A2 22 0.20000000E+00 4
0.1013058503450E+06 0.2113434630428E-18 0.1951921979990E+00 0.7817430995253E+00
0.2250023829673E+00 0.20000000000000E+02
A2 23 0.20000000E+00 4
0.1013058503450E+06 0.2383323020325E-18 0.1951922220233E+00 0.7817430657391E+00
0.2250023829673E+00 0.20000000000000E+02
A2 24 0.20000000E+00 4
0.1013058503450E+06 0.2273300549081E-18 0.1951922340903E+00 0.7817430488735E+00
0.2250023829673E+00 0.20000000000000E+02
A2 25 0.20000000E+00 4
0.1013058503450E+06 0.1385691478859E-18 0.1951922130464E+00 0.7817430782745E+00
0.2250023829673E+00 0.20000000000000E+02
A2 26 0.20000000E+00 4
0.1013058503450E+06 0.3340057109641E-18 0.1951922314143E+00 0.7817430525319E+00
0.2250023829673E+00 0.20000000000000E+02
A2 27 0.20000000E+00 4
0.1013058503450E+06 0.6975006023769E-19 0.1951921919837E+00 0.7817431074245E+00
0.2250023829673E+00 0.20000000000000E+02
A2 28 0.20000000E+00 4
0.1013058503450E+06 0.2287615856611E-18 0.1951922208179E+00 0.7817430671101E+00
0.2250023829673E+00 0.20000000000000E+02
A2 29 0.20000000E+00 4
0.1013058503450E+06 0.6080102092466E-19 0.1951922325736E+00 0.7817430510694E+00
0.2250023829673E+00 0.20000000000000E+02
A2 30 0.20000000E+00 4
0.1013058503450E+06 0.7680197007784E-19 0.1951922409570E+00 0.7817430393806E+00
0.2250023829673E+00 0.20000000000000E+02
A2 31 0.20000000E+00 4
0.1013058503450E+06 0.5731246461095E-19 0.1951922219122E+00 0.7817430657603E+00
0.2250023829673E+00 0.20000000000000E+02
A2 32 0.20000000E+00 4
0.1013058503450E+06 0.1291909981849E-18 0.1951922083620E+00 0.7817430848211E+00
0.2250023829673E+00 0.20000000000000E+02
A2 33 0.20000000E+00 4
0.1013058503450E+06 0.1355165702922E-18 0.1951922289770E+00 0.7817430560633E+00
0.2250023829673E+00 0.20000000000000E+02
A2 34 0.20000000E+00 4
0.1013058503451E+06 0.7509650382757E-19 0.1951922657228E+00 0.7817430048642E+00
0.2250023829672E+00 0.20000000000000E+02
A2 35 0.20000000E+00 4
0.1013058503450E+06 0.4043418884731E-19 0.1951922286650E+00 0.7817430564651E+00
0.2250023829673E+00 0.20000000000000E+02
A2 36 0.20000000E+00 4
0.1013058503450E+06 0.6493311630399E-19 0.1951921987509E+00 0.7817430981161E+00
0.2250023829673E+00 0.20000000000000E+02
A2 37 0.20000000E+00 4
0.1013058503450E+06 0.4365052043164E-19 0.1951922264751E+00 0.7817430594475E+00
0.2250023829673E+00 0.20000000000000E+02
A2 38 0.20000000E+00 4
0.1013058503450E+06 0.4437910594261E-19 0.1951922246316E+00 0.7817430619731E+00
0.2250023829673E+00 0.20000000000000E+02
A2 39 0.20000000E+00 4
0.1013058503450E+06 0.5955687385678E-20 0.1951922263695E+00 0.7817430595937E+00
0.2250023829673E+00 0.20000000000000E+02

```

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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A2 40      0.20000000E+00 4
0.1013058503450E+06 0.1120504514532E-18 0.1951922264213E+00 0.7817430595222E+00
0.2250023829673E+00 0.20000000000000E+02
A2 41      0.20000000E+00 4
0.1013058503450E+06 0.1408852485820E-18 0.1951922268743E+00 0.7817430590604E+00
0.2250023829673E+00 0.20000000000000E+02
A2 42      0.20000000E+00 4
0.1013058503450E+06 0.9288493567783E-19 0.1951922252645E+00 0.7817430612878E+00
0.2250023829673E+00 0.20000000000000E+02
A2 43      0.20000000E+00 4
0.1013058503450E+06 0.2652886170949E-18 0.1951922328432E+00 0.7817430506231E+00
0.2250023829673E+00 0.20000000000000E+02
A2 44      0.20000000E+00 4
0.1013058503450E+06 0.4812626742438E-19 0.1951922269183E+00 0.7817430589983E+00
0.2250023829673E+00 0.20000000000000E+02
A2 45      0.20000000E+00 4
0.1013058503450E+06 0.2365071458331E-19 0.1951922226520E+00 0.7817430649089E+00
0.2250023829673E+00 0.20000000000000E+02
A2 46      0.20000000E+00 4
0.1013058503450E+06 0.5772782496962E-19 0.1951922330966E+00 0.7817430504373E+00
0.2250023829673E+00 0.20000000000000E+02
A2 47      0.20000000E+00 4
0.1013058503450E+06 0.4221312552685E-19 0.1951922269219E+00 0.7817430589940E+00
0.2250023829673E+00 0.20000000000000E+02
A2 48      0.20000000E+00 4
0.1013058503450E+06 0.6650792152477E-19 0.1951922268697E+00 0.7817430590665E+00
0.2250023829673E+00 0.20000000000000E+02
A2 49      0.20000000E+00 4
0.1013058503450E+06 0.9829542694389E-19 0.1951922243492E+00 0.7817430625586E+00
0.2250023829673E+00 0.20000000000000E+02
A2 50      0.20000000E+00 4
0.1013058503450E+06 0.8053422879412E-19 0.1951922289977E+00 0.7817430561178E+00
0.2250023829673E+00 0.20000000000000E+02
A2 51      0.20000000E+00 4
0.1013058503450E+06 0.1371183746317E-18 0.1951922258464E+00 0.7817430604840E+00
0.2250023829673E+00 0.20000000000000E+02
A2 52      0.20000000E+00 4
0.1013058503450E+06 0.3368274372722E-19 0.1951922265414E+00 0.7817430595216E+00
0.2250023829673E+00 0.20000000000000E+02
A2 53      0.20000000E+00 4
0.1013058503450E+06 0.4530440028708E-19 0.1951922270356E+00 0.7817430588363E+00
0.2250023829673E+00 0.20000000000000E+02
A2 54      0.20000000E+00 4
0.1013058503450E+06 0.1461433600638E-18 0.1951922269583E+00 0.7817430589436E+00
0.2250023829673E+00 0.20000000000000E+02
A2 55      0.20000000E+00 4
0.1013058503450E+06 0.3650175332981E-19 0.1951922268782E+00 0.7817430590545E+00
0.2250023829673E+00 0.20000000000000E+02
A2 56      0.20000000E+00 4
0.1013058503450E+06 0.1969349013294E-19 0.1951922268861E+00 0.7817430590435E+00
0.2250023829673E+00 0.20000000000000E+02
A2 57      0.20000000E+00 4
0.1013058503450E+06 0.8601745811730E-19 0.1951922268683E+00 0.7817430590688E+00
0.2250023829673E+00 0.20000000000000E+02
A2 58      0.20000000E+00 4
0.1013058503450E+06 0.5063782720576E-19 0.1951922268846E+00 0.7817430590455E+00
0.2250023829673E+00 0.20000000000000E+02
A2 59      0.20000000E+00 4
0.1013058503450E+06 0.3482593434457E-18 0.1951922268704E+00 0.7817430590652E+00

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250023829673E+00 0.20000000000000E+02
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0.2250023829673E+00 0.20000000000000E+02
A2 61 0.200000000E+00 4
0.1013058503450E+06 0.5528385157980E-19 0.1951922267359E+00 0.7817430592519E+00
0.2250023829673E+00 0.20000000000000E+02
A2 62 0.200000000E+00 4
0.1013058503451E+06 0.3206926492482E-19 0.1951922511796E+00 0.7817430252532E+00
0.2250023829673E+00 0.20000000000000E+02
A3 1 0.200000000E+00 4
0.1013175401344E+06 0.1899321983080E-18 0.1951064224946E+00 0.7818277085869E+00
0.2250023839049E+00 0.20000000000000E+02
A3 2 0.200000000E+00 4
0.1013175401319E+06 0.8680678692529E-19 0.1950951800349E+00 0.7818416341991E+00
0.2250023839046E+00 0.20000000000000E+02
A3 3 0.200000000E+00 4
0.1013175401313E+06 0.1454175939552E-18 0.1950912867437E+00 0.7818464548599E+00
0.2250023839045E+00 0.20000000000000E+02
A3 4 0.200000000E+00 4
0.1013175401313E+06 0.9818830921223E-19 0.1950908440277E+00 0.7818470042988E+00
0.2250023839045E+00 0.20000000000000E+02
A3 5 0.200000000E+00 4
0.1013175401312E+06 0.1553738414390E-18 0.1950905142721E+00 0.7818474133798E+00
0.2250023839045E+00 0.20000000000000E+02
A3 6 0.200000000E+00 4
0.1013175401311E+06 0.3012588933597E-18 0.1950893286208E+00 0.7818488815648E+00
0.2250023839045E+00 0.20000000000000E+02
A3 7 0.200000000E+00 4
0.1013175401311E+06 0.8960046667797E-19 0.1950897533309E+00 0.7818483557723E+00
0.2250023839045E+00 0.20000000000000E+02
A3 8 0.200000000E+00 4
0.1013175401314E+06 0.3191756074120E-19 0.1950919942668E+00 0.7818455807204E+00
0.2250023839045E+00 0.20000000000000E+02
A3 9 0.200000000E+00 4
0.1013175401311E+06 0.1232523446276E-18 0.1950898689397E+00 0.7818482123382E+00
0.2250023839045E+00 0.20000000000000E+02
A3 10 0.200000000E+00 4
0.1013175401313E+06 0.4732306291716E-18 0.1950911060261E+00 0.7818466791458E+00
0.2250023839045E+00 0.20000000000000E+02
A3 11 0.200000000E+00 4
0.1013175401317E+06 0.9999428271259E-30 0.1950933777036E+00 0.7818438670167E+00
0.2250023839046E+00 0.20000000000000E+02
A3 12 0.200000000E+00 4
0.1013175401312E+06 0.5915599742242E-19 0.1950903686930E+00 0.7818475928753E+00
0.2250023839045E+00 0.20000000000000E+02
A3 13 0.200000000E+00 4
0.1013175401312E+06 0.8813364423535E-19 0.1950904052221E+00 0.7818475501219E+00
0.2250023839045E+00 0.20000000000000E+02
A3 14 0.200000000E+00 4
0.1013175401313E+06 0.2725483650445E-18 0.1950907172607E+00 0.7818471637358E+00
0.2250023839045E+00 0.20000000000000E+02
A3 15 0.200000000E+00 4
0.1013175401312E+06 0.1053908680914E-18 0.1950902571459E+00 0.7818477332410E+00
0.2250023839045E+00 0.20000000000000E+02
A3 16 0.200000000E+00 4
0.1013175401312E+06 0.3497559654729E-18 0.1950898696572E+00 0.7818482155105E+00
0.2250023839045E+00 0.20000000000000E+02
A3 17 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
 11a 9/29/2011, 8:35:26AM

0.1013175401313E+06	0.6425581789819E-19	0.1950907117007E+00	0.7818471712215E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 18	0.20000000E+00 4		
0.1013175401313E+06	0.7511170095249E-19	0.1950908983075E+00	0.7818469397919E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 19	0.20000000E+00 4		
0.1013175401312E+06	0.5557242669964E-19	0.1950900590418E+00	0.7818479811026E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 20	0.20000000E+00 4		
0.1013175401314E+06	0.2477237405624E-19	0.1950912777099E+00	0.7818464682814E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 21	0.20000000E+00 4		
0.1013175401313E+06	0.9113703860345E-19	0.1950909184730E+00	0.7818469138053E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 22	0.20000000E+00 4		
0.1013175401313E+06	0.2078632236987E-18	0.1950907907854E+00	0.7818470728196E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 23	0.20000000E+00 4		
0.1013175401313E+06	0.2326554112613E-18	0.1950908450378E+00	0.7818470054348E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 24	0.20000000E+00 4		
0.1013175401313E+06	0.2230469742116E-18	0.1950908719107E+00	0.7818469721068E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 25	0.20000000E+00 4		
0.1013175401313E+06	0.1356252115913E-18	0.1950908250859E+00	0.7818470301738E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 26	0.20000000E+00 4		
0.1013175401313E+06	0.3288502330037E-18	0.1950908656595E+00	0.7818469796790E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 27	0.20000000E+00 4		
0.1013175401313E+06	0.7029541066740E-19	0.1950907792094E+00	0.7818470869309E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 28	0.20000000E+00 4		
0.1013175401313E+06	0.2246152859665E-18	0.1950908428921E+00	0.7818470078034E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 29	0.20000000E+00 4		
0.1013175401313E+06	0.6014837640705E-19	0.1950908682608E+00	0.7818469766701E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 30	0.20000000E+00 4		
0.1013175401313E+06	0.7331953765414E-19	0.1950908868280E+00	0.7818469536567E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 31	0.20000000E+00 4		
0.1013175401313E+06	0.5443334828449E-19	0.1950908452709E+00	0.7818470050810E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 32	0.20000000E+00 4		
0.1013175401313E+06	0.1290758621177E-18	0.1950908152406E+00	0.7818470425249E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 33	0.20000000E+00 4		
0.1013175401313E+06	0.1327413476741E-18	0.1950908603692E+00	0.7818469864415E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 34	0.20000000E+00 4		
0.1013175401313E+06	0.7546056144047E-19	0.1950909410398E+00	0.7818468863286E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 35	0.20000000E+00 4		
0.1013175401313E+06	0.4013320025994E-19	0.1950908597972E+00	0.7818469871343E+00
0.2250023839045E+00	0.2000000000000E+02		
A3 36	0.20000000E+00 4		
0.1013175401313E+06	0.6304872757138E-19	0.1950907943296E+00	0.7818470683923E+00
0.2250023839045E+00	0.2000000000000E+02		



# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

A3 37 0.20000000E+00 4  
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0.2250023839045E+00 0.20000000000000E+02  
A3 38 0.20000000E+00 4  
0.1013175401313E+06 0.4181833837701E-19 0.1950908512785E+00 0.7818469976368E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 39 0.20000000E+00 4  
0.1013175401313E+06 0.5190545514892E-20 0.1950908549710E+00 0.7818469930814E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 40 0.20000000E+00 4  
0.1013175401313E+06 0.1115488232820E-18 0.1950908550829E+00 0.7818469929430E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 41 0.20000000E+00 4  
0.1013175401313E+06 0.1375545495866E-18 0.1950908560633E+00 0.7818469919510E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 42 0.20000000E+00 4  
0.1013175401313E+06 0.9125318912315E-19 0.1950908525589E+00 0.7818469962863E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 43 0.20000000E+00 4  
0.1013175401313E+06 0.2598467550853E-18 0.1950908691098E+00 0.7818469755837E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 44 0.20000000E+00 4  
0.1013175401313E+06 0.4611171643652E-19 0.1950908561631E+00 0.7818469918270E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 45 0.20000000E+00 4  
0.1013175401313E+06 0.2367470568881E-19 0.1950908468492E+00 0.7818470033528E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 46 0.20000000E+00 4  
0.1013175401313E+06 0.5489609994842E-19 0.1950908696564E+00 0.7818469751281E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 47 0.20000000E+00 4  
0.1013175401313E+06 0.4307347686616E-19 0.1950908561685E+00 0.7818469918206E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 48 0.20000000E+00 4  
0.1013175401313E+06 0.6555864281419E-19 0.1950908560541E+00 0.7818469919621E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 49 0.20000000E+00 4  
0.1013175401313E+06 0.9383113460557E-19 0.1950908505510E+00 0.7818469987724E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 50 0.20000000E+00 4  
0.1013175401313E+06 0.7827106163086E-19 0.1950908607013E+00 0.7818469862111E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 51 0.20000000E+00 4  
0.1013175401313E+06 0.1332017802323E-18 0.1950908538209E+00 0.7818469947257E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 52 0.20000000E+00 4  
0.1013175401313E+06 0.3218389135739E-19 0.1950908553362E+00 0.7818469928508E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 53 0.20000000E+00 4  
0.1013175401313E+06 0.4727234064601E-19 0.1950908564174E+00 0.7818469915125E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 54 0.20000000E+00 4  
0.1013175401313E+06 0.1461916862234E-18 0.1950908562481E+00 0.7818469917220E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 55 0.20000000E+00 4  
0.1013175401313E+06 0.3417076149424E-19 0.1950908560734E+00 0.7818469919382E+00  
0.2250023839045E+00 0.20000000000000E+02  
A3 56 0.20000000E+00 4  
0.1013175401313E+06 0.1986637660843E-19 0.1950908560910E+00 0.7818469919164E+00

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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0.2250023839045E+00 0.20000000000000E+02
A3 57 0.200000000E+00 4
0.1013175401313E+06 0.8508602635602E-19 0.1950908560498E+00 0.7818469919677E+00
0.2250023839045E+00 0.20000000000000E+02
A3 58 0.200000000E+00 4
0.1013175401313E+06 0.5183394060972E-19 0.1950908560879E+00 0.7818469919202E+00
0.2250023839045E+00 0.20000000000000E+02
A3 59 0.200000000E+00 4
0.1013175401313E+06 0.3427407909013E-18 0.1950908560568E+00 0.7818469919587E+00
0.2250023839045E+00 0.20000000000000E+02
A3 60 0.200000000E+00 4
0.1013175401313E+06 0.2283135723366E-18 0.1950908559254E+00 0.7818469921214E+00
0.2250023839045E+00 0.20000000000000E+02
A3 61 0.200000000E+00 4
0.1013175401313E+06 0.5526326666784E-19 0.1950908557618E+00 0.7818469923240E+00
0.2250023839045E+00 0.20000000000000E+02
A3 62 0.200000000E+00 4
0.1013175401313E+06 0.3131905844469E-19 0.1950909090179E+00 0.7818469262139E+00
0.2250023839045E+00 0.20000000000000E+02
A4 1 0.200000000E+00 4
0.1013292311665E+06 0.1746454143415E-18 0.1950642788328E+00 0.7818721751843E+00
0.2250023849074E+00 0.20000000000000E+02
A4 2 0.200000000E+00 4
0.1013292311605E+06 0.8448579707866E-19 0.1950483862558E+00 0.7818909647826E+00
0.2250023849028E+00 0.20000000000000E+02
A4 3 0.200000000E+00 4
0.1013292311589E+06 0.1345231352214E-18 0.1950428195158E+00 0.7818975390922E+00
0.2250023849011E+00 0.20000000000000E+02
A4 4 0.200000000E+00 4
0.1013292311587E+06 0.9517324139492E-19 0.1950421836486E+00 0.7818982911222E+00
0.2250023849010E+00 0.20000000000000E+02
A4 5 0.200000000E+00 4
0.1013292311586E+06 0.1456130537205E-18 0.1950417100030E+00 0.7818988511378E+00
0.2250023849008E+00 0.20000000000000E+02
A4 6 0.200000000E+00 4
0.1013292311581E+06 0.2751747475025E-18 0.1950400048359E+00 0.7819008641250E+00
0.2250023849003E+00 0.20000000000000E+02
A4 7 0.200000000E+00 4
0.1013292311583E+06 0.8084237656331E-19 0.1950406151966E+00 0.7819001435996E+00
0.2250023849005E+00 0.20000000000000E+02
A4 8 0.200000000E+00 4
0.1013292311592E+06 0.2945421944934E-19 0.1950438317038E+00 0.7818963456376E+00
0.2250023849014E+00 0.20000000000000E+02
A4 9 0.200000000E+00 4
0.1013292311583E+06 0.1122432016417E-18 0.1950407800263E+00 0.7818999484509E+00
0.2250023849005E+00 0.20000000000000E+02
A4 10 0.200000000E+00 4
0.1013292311588E+06 0.4301935736892E-18 0.1950425623797E+00 0.7818978436471E+00
0.2250023849011E+00 0.20000000000000E+02
A4 11 0.200000000E+00 4
0.1013292311598E+06 0.9999428271259E-30 0.1950458172738E+00 0.7818940010819E+00
0.2250023849020E+00 0.20000000000000E+02
A4 12 0.200000000E+00 4
0.1013292311586E+06 0.5327971316411E-19 0.1950415057793E+00 0.7818990922995E+00
0.2250023849008E+00 0.20000000000000E+02
A4 13 0.200000000E+00 4
0.1013292311586E+06 0.7996162695112E-19 0.1950415552362E+00 0.7818990360633E+00
0.2250023849008E+00 0.20000000000000E+02
A4 14 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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	0.1013292311588E+06	0.2477866987424E-18	0.1950420068246E+00	0.7818985035191E+00
	0.2250023849009E+00	0.2000000000000E+02		
A4 15	0.20000000E+00	4		
	0.1013292311586E+06	0.9767580018666E-19	0.1950413479365E+00	0.7818992815315E+00
	0.2250023849007E+00	0.2000000000000E+02		
A4 16	0.20000000E+00	4		
	0.1013292311584E+06	0.3141636629759E-18	0.1950407834463E+00	0.7818999492710E+00
	0.2250023849006E+00	0.2000000000000E+02		
A4 17	0.20000000E+00	4		
	0.1013292311588E+06	0.5850130233043E-19	0.1950419990812E+00	0.7818985133597E+00
	0.2250023849009E+00	0.2000000000000E+02		
A4 18	0.20000000E+00	4		
	0.1013292311588E+06	0.6817870895138E-19	0.1950422679509E+00	0.7818981956925E+00
	0.2250023849010E+00	0.2000000000000E+02		
A4 19	0.20000000E+00	4		
	0.1013292311585E+06	0.5040037423872E-19	0.1950410546992E+00	0.7818996289662E+00
	0.2250023849006E+00	0.2000000000000E+02		
A4 20	0.20000000E+00	4		
	0.1013292311590E+06	0.2273089395350E-19	0.1950428157258E+00	0.7818975476668E+00
	0.2250023849012E+00	0.2000000000000E+02		
A4 21	0.20000000E+00	4		
	0.1013292311588E+06	0.8587668904145E-19	0.1950422965816E+00	0.7818981607241E+00
	0.2250023849010E+00	0.2000000000000E+02		
A4 22	0.20000000E+00	4		
	0.1013292311588E+06	0.1874407768980E-18	0.1950421119921E+00	0.7818983794168E+00
	0.2250023849010E+00	0.2000000000000E+02		
A4 23	0.20000000E+00	4		
	0.1013292311588E+06	0.2087500376433E-18	0.1950421908629E+00	0.7818982862497E+00
	0.2250023849010E+00	0.2000000000000E+02		
A4 24	0.20000000E+00	4		
	0.1013292311588E+06	0.2014007492763E-18	0.1950422297152E+00	0.7818982403702E+00
	0.2250023849010E+00	0.2000000000000E+02		
A4 25	0.20000000E+00	4		
	0.1013292311588E+06	0.1219991216828E-18	0.1950421620391E+00	0.7818983202848E+00
	0.2250023849010E+00	0.2000000000000E+02		
A4 26	0.20000000E+00	4		
	0.1013292311588E+06	0.2993372888980E-18	0.1950422205100E+00	0.7818982510133E+00
	0.2250023849010E+00	0.2000000000000E+02		
A4 27	0.20000000E+00	4		
	0.1013292311588E+06	0.6426115194525E-19	0.1950420963008E+00	0.7818983978687E+00
	0.2250023849010E+00	0.2000000000000E+02		
A4 28	0.20000000E+00	4		
	0.1013292311588E+06	0.2029053438918E-18	0.1950421880703E+00	0.7818982892849E+00
	0.2250023849010E+00	0.2000000000000E+02		
A4 29	0.20000000E+00	4		
	0.1013292311588E+06	0.5414987016466E-19	0.1950422242819E+00	0.7818982467978E+00
	0.2250023849010E+00	0.2000000000000E+02		
A4 30	0.20000000E+00	4		
	0.1013292311588E+06	0.6513369504851E-19	0.1950422510666E+00	0.7818982151729E+00
	0.2250023849010E+00	0.2000000000000E+02		
A4 31	0.20000000E+00	4		
	0.1013292311588E+06	0.4763227333759E-19	0.1950421914760E+00	0.7818982855053E+00
	0.2250023849010E+00	0.2000000000000E+02		
A4 32	0.20000000E+00	4		
	0.1013292311588E+06	0.1169748535842E-18	0.1950421481416E+00	0.7818983369107E+00
	0.2250023849010E+00	0.2000000000000E+02		
A4 33	0.20000000E+00	4		
	0.1013292311588E+06	0.1200977584106E-18	0.1950422129402E+00	0.7818982601859E+00
	0.2250023849010E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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A4 34      0.20000000E+00 4
0.1013292311589E+06 0.6964049729839E-19 0.1950423289013E+00 0.7818981230600E+00
0.2250023849010E+00 0.20000000000000E+02
A4 35      0.20000000E+00 4
0.1013292311588E+06 0.3600054727955E-19 0.1950422121838E+00 0.7818982610739E+00
0.2250023849010E+00 0.20000000000000E+02
A4 36      0.20000000E+00 4
0.1013292311588E+06 0.5662147263366E-19 0.1950421181907E+00 0.7818983722575E+00
0.2250023849010E+00 0.20000000000000E+02
A4 37      0.20000000E+00 4
0.1013292311588E+06 0.3933596505187E-19 0.1950422056992E+00 0.7818982687193E+00
0.2250023849010E+00 0.20000000000000E+02
A4 38      0.20000000E+00 4
0.1013292311588E+06 0.3713311087745E-19 0.1950422001340E+00 0.7818982752834E+00
0.2250023849010E+00 0.20000000000000E+02
A4 39      0.20000000E+00 4
0.1013292311588E+06 0.4311253503055E-20 0.1950422053703E+00 0.7818982691076E+00
0.2250023849010E+00 0.20000000000000E+02
A4 40      0.20000000E+00 4
0.1013292311588E+06 0.1014289333969E-18 0.1950422055302E+00 0.7818982689189E+00
0.2250023849010E+00 0.20000000000000E+02
A4 41      0.20000000E+00 4
0.1013292311588E+06 0.1229755945763E-18 0.1950422069310E+00 0.7818982675056E+00
0.2250023849010E+00 0.20000000000000E+02
A4 42      0.20000000E+00 4
0.1013292311588E+06 0.8260840226527E-19 0.1950422019107E+00 0.7818982734305E+00
0.2250023849010E+00 0.20000000000000E+02
A4 43      0.20000000E+00 4
0.1013292311588E+06 0.2333210293981E-18 0.1950422256521E+00 0.7818982451692E+00
0.2250023849010E+00 0.20000000000000E+02
A4 44      0.20000000E+00 4
0.1013292311588E+06 0.4030016085836E-19 0.1950422070763E+00 0.7818982673339E+00
0.2250023849010E+00 0.20000000000000E+02
A4 45      0.20000000E+00 4
0.1013292311588E+06 0.2122211780716E-19 0.1950421937180E+00 0.7818982831003E+00
0.2250023849010E+00 0.20000000000000E+02
A4 46      0.20000000E+00 4
0.1013292311588E+06 0.4880073291584E-19 0.1950422264320E+00 0.7818982444886E+00
0.2250023849010E+00 0.20000000000000E+02
A4 47      0.20000000E+00 4
0.1013292311588E+06 0.3898234630711E-19 0.1950422070826E+00 0.7818982673265E+00
0.2250023849010E+00 0.20000000000000E+02
A4 48      0.20000000E+00 4
0.1013292311588E+06 0.5873614705188E-19 0.1950422069184E+00 0.7818982675204E+00
0.2250023849010E+00 0.20000000000000E+02
A4 49      0.20000000E+00 4
0.1013292311588E+06 0.8444594146661E-19 0.1950421990253E+00 0.7818982768365E+00
0.2250023849010E+00 0.20000000000000E+02
A4 50      0.20000000E+00 4
0.1013292311588E+06 0.7088941553959E-19 0.1950422135843E+00 0.7818982596527E+00
0.2250023849010E+00 0.20000000000000E+02
A4 51      0.20000000E+00 4
0.1013292311588E+06 0.1194730548376E-18 0.1950422037158E+00 0.7818982713003E+00
0.2250023849010E+00 0.20000000000000E+02
A4 52      0.20000000E+00 4
0.1013292311588E+06 0.2843180241920E-19 0.1950422058880E+00 0.7818982687366E+00
0.2250023849010E+00 0.20000000000000E+02
A4 53      0.20000000E+00 4
0.1013292311588E+06 0.4377915766774E-19 0.1950422074400E+00 0.7818982669047E+00

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# TMVOC Initial Conditions (INCON) File

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0.2250023849010E+00 0.20000000000000E+02
A4 54 0.200000000E+00 4
0.1013292311588E+06 0.1327600323979E-18 0.1950422071970E+00 0.7818982671915E+00
0.2250023849010E+00 0.20000000000000E+02
A4 55 0.200000000E+00 4
0.1013292311588E+06 0.2954682695006E-19 0.1950422069464E+00 0.7818982674872E+00
0.2250023849010E+00 0.20000000000000E+02
A4 56 0.200000000E+00 4
0.1013292311588E+06 0.1824427888599E-19 0.1950422069719E+00 0.7818982674572E+00
0.2250023849010E+00 0.20000000000000E+02
A4 57 0.200000000E+00 4
0.1013292311588E+06 0.7666679700234E-19 0.1950422069114E+00 0.7818982675287E+00
0.2250023849010E+00 0.20000000000000E+02
A4 58 0.200000000E+00 4
0.1013292311588E+06 0.4755410337787E-19 0.1950422069676E+00 0.7818982674623E+00
0.2250023849010E+00 0.20000000000000E+02
A4 59 0.200000000E+00 4
0.1013292311588E+06 0.3106383144544E-18 0.1950422069229E+00 0.7818982675150E+00
0.2250023849010E+00 0.20000000000000E+02
A4 60 0.200000000E+00 4
0.1013292311588E+06 0.2063472282466E-18 0.1950422067343E+00 0.7818982677377E+00
0.2250023849010E+00 0.20000000000000E+02
A4 61 0.200000000E+00 4
0.1013292311588E+06 0.5014877834721E-19 0.1950422064990E+00 0.7818982680154E+00
0.2250023849010E+00 0.20000000000000E+02
A4 62 0.200000000E+00 4
0.1013292311588E+06 0.2829398109637E-19 0.1950422828166E+00 0.7818981777046E+00
0.2250023849010E+00 0.20000000000000E+02
A5 1 0.200000000E+00 4
0.1013409235107E+06 0.1594961257398E-18 0.1950482345095E+00 0.7818907680629E+00
0.2250023859399E+00 0.20000000000000E+02
A5 2 0.200000000E+00 4
0.1013409234966E+06 0.8173532270730E-19 0.1950293035934E+00 0.7819126654258E+00
0.2250023859323E+00 0.20000000000000E+02
A5 3 0.200000000E+00 4
0.1013409234922E+06 0.1238441591969E-18 0.1950226127761E+00 0.7819203911255E+00
0.2250023859295E+00 0.20000000000000E+02
A5 4 0.200000000E+00 4
0.1013409234918E+06 0.9192078559343E-19 0.1950218460701E+00 0.7819212772515E+00
0.2250023859292E+00 0.20000000000000E+02
A5 5 0.200000000E+00 4
0.1013409234914E+06 0.1352335998077E-18 0.1950212748473E+00 0.7819219372803E+00
0.2250023859290E+00 0.20000000000000E+02
A5 6 0.200000000E+00 4
0.1013409234901E+06 0.2491220519332E-18 0.1950192163935E+00 0.7819243123383E+00
0.2250023859281E+00 0.20000000000000E+02
A5 7 0.200000000E+00 4
0.1013409234906E+06 0.7215375891595E-19 0.1950199530899E+00 0.7819234623149E+00
0.2250023859284E+00 0.20000000000000E+02
A5 8 0.200000000E+00 4
0.1013409234930E+06 0.2695056242559E-19 0.1950238305858E+00 0.7819189870122E+00
0.2250023859300E+00 0.20000000000000E+02
A5 9 0.200000000E+00 4
0.1013409234907E+06 0.1012516560444E-18 0.1950201512498E+00 0.7819232329690E+00
0.2250023859285E+00 0.20000000000000E+02
A5 10 0.200000000E+00 4
0.1013409234921E+06 0.3871672664037E-18 0.1950223041497E+00 0.7819207484987E+00
0.2250023859294E+00 0.20000000000000E+02
A5 11 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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	0.1013409234947E+06	0.9999428271259E-30	0.1950262220246E+00	0.7819162267755E+00
	0.2250023859310E+00	0.2000000000000E+02		
A5 12	0.20000000E+00	4		
	0.1013409234913E+06	0.4754904605027E-19	0.1950210313445E+00	0.7819222187682E+00
	0.2250023859289E+00	0.2000000000000E+02		
A5 13	0.20000000E+00	4		
	0.1013409234914E+06	0.7192798956451E-19	0.1950210892571E+00	0.7819221538835E+00
	0.2250023859289E+00	0.2000000000000E+02		
A5 14	0.20000000E+00	4		
	0.1013409234918E+06	0.2227563576183E-18	0.1950216358677E+00	0.7819215240306E+00
	0.2250023859292E+00	0.2000000000000E+02		
A5 15	0.20000000E+00	4		
	0.1013409234913E+06	0.8997976161655E-19	0.1950208423296E+00	0.7819224400632E+00
	0.2250023859288E+00	0.2000000000000E+02		
A5 16	0.20000000E+00	4		
	0.1013409234909E+06	0.2787365422633E-18	0.1950201567599E+00	0.7819232318211E+00
	0.2250023859285E+00	0.2000000000000E+02		
A5 17	0.20000000E+00	4		
	0.1013409234918E+06	0.5286807236906E-19	0.1950216266693E+00	0.7819215353856E+00
	0.2250023859292E+00	0.2000000000000E+02		
A5 18	0.20000000E+00	4		
	0.1013409234920E+06	0.6129981260448E-19	0.1950219513907E+00	0.7819211604934E+00
	0.2250023859293E+00	0.2000000000000E+02		
A5 19	0.20000000E+00	4		
	0.1013409234911E+06	0.4548682201296E-19	0.1950204835613E+00	0.7819228545686E+00
	0.2250023859287E+00	0.2000000000000E+02		
A5 20	0.20000000E+00	4		
	0.1013409234924E+06	0.2071257473574E-19	0.1950226135035E+00	0.7819203953210E+00
	0.2250023859296E+00	0.2000000000000E+02		
A5 21	0.20000000E+00	4		
	0.1013409234920E+06	0.8030474551524E-19	0.1950219857228E+00	0.7819211196451E+00
	0.2250023859293E+00	0.2000000000000E+02		
A5 22	0.20000000E+00	4		
	0.1013409234919E+06	0.1669598646625E-18	0.1950217624414E+00	0.7819213779886E+00
	0.2250023859292E+00	0.2000000000000E+02		
A5 23	0.20000000E+00	4		
	0.1013409234919E+06	0.1853308787763E-18	0.1950218580996E+00	0.7819212676321E+00
	0.2250023859292E+00	0.2000000000000E+02		
A5 24	0.20000000E+00	4		
	0.1013409234920E+06	0.1799836083341E-18	0.1950219050979E+00	0.7819212134090E+00
	0.2250023859293E+00	0.2000000000000E+02		
A5 25	0.20000000E+00	4		
	0.1013409234919E+06	0.1087243313475E-18	0.1950218232450E+00	0.7819213078446E+00
	0.2250023859292E+00	0.2000000000000E+02		
A5 26	0.20000000E+00	4		
	0.1013409234920E+06	0.2696880190806E-18	0.1950218938666E+00	0.7819212261185E+00
	0.2250023859293E+00	0.2000000000000E+02		
A5 27	0.20000000E+00	4		
	0.1013409234919E+06	0.5843452346087E-19	0.1950217440593E+00	0.7819213992094E+00
	0.2250023859292E+00	0.2000000000000E+02		
A5 28	0.20000000E+00	4		
	0.1013409234919E+06	0.1814879602090E-18	0.1950218548992E+00	0.7819212710819E+00
	0.2250023859292E+00	0.2000000000000E+02		
A5 29	0.20000000E+00	4		
	0.1013409234920E+06	0.4829657017220E-19	0.1950218984358E+00	0.7819212210933E+00
	0.2250023859293E+00	0.2000000000000E+02		
A5 30	0.20000000E+00	4		
	0.1013409234920E+06	0.5716801733253E-19	0.1950219308019E+00	0.7819211837509E+00
	0.2250023859293E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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A5 31      0.20000000E+00 4
0.1013409234919E+06 0.4121666504016E-19 0.1950218589997E+00 0.7819212665971E+00
0.2250023859292E+00 0.20000000000000E+02
A5 32      0.20000000E+00 4
0.1013409234919E+06 0.1049476617738E-18 0.1950218066263E+00 0.7819213272685E+00
0.2250023859292E+00 0.20000000000000E+02
A5 33      0.20000000E+00 4
0.1013409234920E+06 0.1075974321035E-18 0.1950218847550E+00 0.7819212368780E+00
0.2250023859293E+00 0.20000000000000E+02
A5 34      0.20000000E+00 4
0.1013409234920E+06 0.6393956719890E-19 0.1950220246414E+00 0.7819210752319E+00
0.2250023859293E+00 0.20000000000000E+02
A5 35      0.20000000E+00 4
0.1013409234920E+06 0.3180178646975E-19 0.1950218838805E+00 0.7819212378878E+00
0.2250023859293E+00 0.20000000000000E+02
A5 36      0.20000000E+00 4
0.1013409234919E+06 0.5031507442495E-19 0.1950217705566E+00 0.7819213688860E+00
0.2250023859292E+00 0.20000000000000E+02
A5 37      0.20000000E+00 4
0.1013409234920E+06 0.3551109778086E-19 0.1950218761288E+00 0.7819212468331E+00
0.2250023859293E+00 0.20000000000000E+02
A5 38      0.20000000E+00 4
0.1013409234920E+06 0.3240495793322E-19 0.1950218694572E+00 0.7819212545316E+00
0.2250023859293E+00 0.20000000000000E+02
A5 39      0.20000000E+00 4
0.1013409234920E+06 0.3467530108334E-20 0.1950218757327E+00 0.7819212472901E+00
0.2250023859293E+00 0.20000000000000E+02
A5 40      0.20000000E+00 4
0.1013409234920E+06 0.9124800475449E-19 0.1950218759250E+00 0.7819212470683E+00
0.2250023859293E+00 0.20000000000000E+02
A5 41      0.20000000E+00 4
0.1013409234920E+06 0.1087777779828E-18 0.1950218776099E+00 0.7819212453705E+00
0.2250023859293E+00 0.20000000000000E+02
A5 42      0.20000000E+00 4
0.1013409234920E+06 0.7408519352708E-19 0.1950218715636E+00 0.7819212523470E+00
0.2250023859293E+00 0.20000000000000E+02
A5 43      0.20000000E+00 4
0.1013409234920E+06 0.2070864243158E-18 0.1950219001752E+00 0.7819212190883E+00
0.2250023859293E+00 0.20000000000000E+02
A5 44      0.20000000E+00 4
0.1013409234920E+06 0.3444703467090E-19 0.1950218777863E+00 0.7819212451671E+00
0.2250023859293E+00 0.20000000000000E+02
A5 45      0.20000000E+00 4
0.1013409234920E+06 0.1864574848243E-19 0.1950218616889E+00 0.7819212637403E+00
0.2250023859292E+00 0.20000000000000E+02
A5 46      0.20000000E+00 4
0.1013409234920E+06 0.4273593000959E-19 0.1950219011126E+00 0.7819212182531E+00
0.2250023859293E+00 0.20000000000000E+02
A5 47      0.20000000E+00 4
0.1013409234920E+06 0.3496900613343E-19 0.1950218777931E+00 0.7819212451592E+00
0.2250023859293E+00 0.20000000000000E+02
A5 48      0.20000000E+00 4
0.1013409234920E+06 0.5177099004934E-19 0.1950218775951E+00 0.7819212453877E+00
0.2250023859293E+00 0.20000000000000E+02
A5 49      0.20000000E+00 4
0.1013409234920E+06 0.7542282060562E-19 0.1950218680832E+00 0.7819212563625E+00
0.2250023859293E+00 0.20000000000000E+02
A5 50      0.20000000E+00 4
0.1013409234920E+06 0.6358036666419E-19 0.1950218856282E+00 0.7819212361189E+00
  
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# TMVOC Initial Conditions (INCON) File

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0.2250023859293E+00 0.2000000000000E+02
A5 51 0.200000000E+00 4
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0.2250023859293E+00 0.2000000000000E+02
A5 52 0.200000000E+00 4
0.1013409234920E+06 0.2479551885475E-19 0.1950218763529E+00 0.7819212468209E+00
0.2250023859293E+00 0.2000000000000E+02
A5 53 0.200000000E+00 4
0.1013409234920E+06 0.4010648645774E-19 0.1950218782239E+00 0.7819212446621E+00
0.2250023859293E+00 0.2000000000000E+02
A5 54 0.200000000E+00 4
0.1013409234920E+06 0.1192539283583E-18 0.1950218779310E+00 0.7819212450001E+00
0.2250023859293E+00 0.2000000000000E+02
A5 55 0.200000000E+00 4
0.1013409234920E+06 0.2533151831307E-19 0.1950218776291E+00 0.7819212453484E+00
0.2250023859293E+00 0.2000000000000E+02
A5 56 0.200000000E+00 4
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0.2250023859293E+00 0.2000000000000E+02
A5 57 0.200000000E+00 4
0.1013409234920E+06 0.6830564034855E-19 0.1950218775862E+00 0.7819212453980E+00
0.2250023859293E+00 0.2000000000000E+02
A5 58 0.200000000E+00 4
0.1013409234920E+06 0.4327925083062E-19 0.1950218776548E+00 0.7819212453188E+00
0.2250023859293E+00 0.2000000000000E+02
A5 59 0.200000000E+00 4
0.1013409234920E+06 0.2784729545459E-18 0.1950218776009E+00 0.7819212453810E+00
0.2250023859293E+00 0.2000000000000E+02
A5 60 0.200000000E+00 4
0.1013409234920E+06 0.1846819250372E-18 0.1950218773735E+00 0.7819212456434E+00
0.2250023859293E+00 0.2000000000000E+02
A5 61 0.200000000E+00 4
0.1013409234920E+06 0.4477542681060E-19 0.1950218770896E+00 0.7819212459709E+00
0.2250023859293E+00 0.2000000000000E+02
A5 62 0.200000000E+00 4
0.1013409234920E+06 0.2541538100044E-19 0.1950219690177E+00 0.7819211396561E+00
0.2250023859293E+00 0.2000000000000E+02
A6 1 0.200000000E+00 4
0.1013526171996E+06 0.1454951047184E-18 0.1950455746837E+00 0.7818960509697E+00
0.2250023869876E+00 0.2000000000000E+02
A6 2 0.200000000E+00 4
0.1013526171742E+06 0.7917849664830E-19 0.1950249216180E+00 0.7819196929985E+00
0.2250023869784E+00 0.2000000000000E+02
A6 3 0.200000000E+00 4
0.1013526171659E+06 0.1140647746580E-18 0.1950175708276E+00 0.7819280879746E+00
0.2250023869750E+00 0.2000000000000E+02
A6 4 0.200000000E+00 4
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0.2250023869746E+00 0.2000000000000E+02
A6 5 0.200000000E+00 4
0.1013526171644E+06 0.1256979062909E-18 0.1950160973500E+00 0.7819297716447E+00
0.2250023869743E+00 0.2000000000000E+02
A6 6 0.200000000E+00 4
0.1013526171619E+06 0.2247270516152E-18 0.1950138283263E+00 0.7819323603251E+00
0.2250023869732E+00 0.2000000000000E+02
A6 7 0.200000000E+00 4
0.1013526171628E+06 0.6386869645818E-19 0.1950146404325E+00 0.7819314337904E+00
0.2250023869736E+00 0.2000000000000E+02
A6 8 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

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	0.1013526171675E+06	0.2466751569977E-19	0.1950189101898E+00	0.7819265605768E+00
	0.2250023869756E+00	0.2000000000000E+02		
A6 9	0.20000000E+00	4		
	0.1013526171630E+06	0.9101291279822E-19	0.1950148584349E+00	0.7819311843005E+00
	0.2250023869737E+00	0.2000000000000E+02		
A6 10	0.20000000E+00	4		
	0.1013526171656E+06	0.3470691974878E-18	0.1950172317380E+00	0.7819284762691E+00
	0.2250023869748E+00	0.2000000000000E+02		
A6 11	0.20000000E+00	4		
	0.1013526171705E+06	0.9999428271259E-30	0.1950215406405E+00	0.7819235579744E+00
	0.2250023869769E+00	0.2000000000000E+02		
A6 12	0.20000000E+00	4		
	0.1013526171642E+06	0.4212611154377E-19	0.1950158306027E+00	0.7819300767403E+00
	0.2250023869742E+00	0.2000000000000E+02		
A6 13	0.20000000E+00	4		
	0.1013526171643E+06	0.6433782821134E-19	0.1950158934778E+00	0.7819300068259E+00
	0.2250023869742E+00	0.2000000000000E+02		
A6 14	0.20000000E+00	4		
	0.1013526171650E+06	0.1995996642410E-18	0.1950164966338E+00	0.7819293196362E+00
	0.2250023869745E+00	0.2000000000000E+02		
A6 15	0.20000000E+00	4		
	0.1013526171641E+06	0.8281644105877E-19	0.1950156231016E+00	0.7819303168302E+00
	0.2250023869741E+00	0.2000000000000E+02		
A6 16	0.20000000E+00	4		
	0.1013526171632E+06	0.2461073496384E-18	0.1950148652459E+00	0.7819311818943E+00
	0.2250023869737E+00	0.2000000000000E+02		
A6 17	0.20000000E+00	4		
	0.1013526171650E+06	0.4765712829077E-19	0.1950164865768E+00	0.7819293318703E+00
	0.2250023869745E+00	0.2000000000000E+02		
A6 18	0.20000000E+00	4		
	0.1013526171654E+06	0.5488091539281E-19	0.1950168444725E+00	0.7819289233291E+00
	0.2250023869747E+00	0.2000000000000E+02		
A6 19	0.20000000E+00	4		
	0.1013526171636E+06	0.4086455773601E-19	0.1950152251248E+00	0.7819307710780E+00
	0.2250023869739E+00	0.2000000000000E+02		
A6 20	0.20000000E+00	4		
	0.1013526171662E+06	0.1891552625910E-19	0.1950175744403E+00	0.7819280893326E+00
	0.2250023869750E+00	0.2000000000000E+02		
A6 21	0.20000000E+00	4		
	0.1013526171654E+06	0.7499591888018E-19	0.1950168821795E+00	0.7819288790442E+00
	0.2250023869747E+00	0.2000000000000E+02		
A6 22	0.20000000E+00	4		
	0.1013526171652E+06	0.1479257938613E-18	0.1950166359077E+00	0.7819291607095E+00
	0.2250023869746E+00	0.2000000000000E+02		
A6 23	0.20000000E+00	4		
	0.1013526171653E+06	0.1633222692500E-18	0.1950167415524E+00	0.7819290402275E+00
	0.2250023869746E+00	0.2000000000000E+02		
A6 24	0.20000000E+00	4		
	0.1013526171654E+06	0.1599669007086E-18	0.1950167933912E+00	0.7819289810957E+00
	0.2250023869747E+00	0.2000000000000E+02		
A6 25	0.20000000E+00	4		
	0.1013526171653E+06	0.9644656985113E-19	0.1950167031145E+00	0.7819290840740E+00
	0.2250023869746E+00	0.2000000000000E+02		
A6 26	0.20000000E+00	4		
	0.1013526171653E+06	0.2420364571189E-18	0.1950167809522E+00	0.7819289950268E+00
	0.2250023869747E+00	0.2000000000000E+02		
A6 27	0.20000000E+00	4		
	0.1013526171652E+06	0.5297188682918E-19	0.1950166159493E+00	0.7819291835335E+00
	0.2250023869746E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

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A6 28 0.20000000E+00 4  
 0.1013526171653E+06 0.1615728993398E-18 0.1950167381165E+00 0.7819290439152E+00  
 0.2250023869746E+00 0.20000000000000E+02  
 A6 29 0.20000000E+00 4  
 0.1013526171654E+06 0.4282227958442E-19 0.1950167859954E+00 0.7819289895233E+00  
 0.2250023869747E+00 0.20000000000000E+02  
 A6 30 0.20000000E+00 4  
 0.1013526171654E+06 0.4991364743324E-19 0.1950168216765E+00 0.7819289488189E+00  
 0.2250023869747E+00 0.20000000000000E+02  
 A6 31 0.20000000E+00 4  
 0.1013526171653E+06 0.3536188533647E-19 0.1950167426291E+00 0.7819290390146E+00  
 0.2250023869746E+00 0.20000000000000E+02  
 A6 32 0.20000000E+00 4  
 0.1013526171653E+06 0.9366915100514E-19 0.1950166848860E+00 0.7819291051343E+00  
 0.2250023869746E+00 0.20000000000000E+02  
 A6 33 0.20000000E+00 4  
 0.1013526171653E+06 0.9593427738343E-19 0.1950167709263E+00 0.7819290067162E+00  
 0.2250023869747E+00 0.20000000000000E+02  
 A6 34 0.20000000E+00 4  
 0.1013526171655E+06 0.5852899655294E-19 0.1950169250118E+00 0.7819288306655E+00  
 0.2250023869747E+00 0.20000000000000E+02  
 A6 35 0.20000000E+00 4  
 0.1013526171653E+06 0.2789256040706E-19 0.1950167699833E+00 0.7819290077958E+00  
 0.2250023869746E+00 0.20000000000000E+02  
 A6 36 0.20000000E+00 4  
 0.1013526171652E+06 0.4436355036915E-19 0.1950166451859E+00 0.7819291504347E+00  
 0.2250023869746E+00 0.20000000000000E+02  
 A6 37 0.20000000E+00 4  
 0.1013526171653E+06 0.3197823354216E-19 0.1950167614822E+00 0.7819290175018E+00  
 0.2250023869746E+00 0.20000000000000E+02  
 A6 38 0.20000000E+00 4  
 0.1013526171653E+06 0.2816297037955E-19 0.1950167541555E+00 0.7819290258652E+00  
 0.2250023869746E+00 0.20000000000000E+02  
 A6 39 0.20000000E+00 4  
 0.1013526171653E+06 0.2659375397146E-20 0.1950167610463E+00 0.7819290179993E+00  
 0.2250023869746E+00 0.20000000000000E+02  
 A6 40 0.20000000E+00 4  
 0.1013526171653E+06 0.8164533372962E-19 0.1950167612577E+00 0.7819290177579E+00  
 0.2250023869746E+00 0.20000000000000E+02  
 A6 41 0.20000000E+00 4  
 0.1013526171653E+06 0.9558765087430E-19 0.1950167631111E+00 0.7819290158917E+00  
 0.2250023869746E+00 0.20000000000000E+02  
 A6 42 0.20000000E+00 4  
 0.1013526171653E+06 0.6616997540466E-19 0.1950167564561E+00 0.7819290234855E+00  
 0.2250023869746E+00 0.20000000000000E+02  
 A6 43 0.20000000E+00 4  
 0.1013526171654E+06 0.1826658221721E-18 0.1950167879574E+00 0.7819289872932E+00  
 0.2250023869747E+00 0.20000000000000E+02  
 A6 44 0.20000000E+00 4  
 0.1013526171653E+06 0.2929783934472E-19 0.1950167633059E+00 0.7819290156695E+00  
 0.2250023869746E+00 0.20000000000000E+02  
 A6 45 0.20000000E+00 4  
 0.1013526171653E+06 0.1611041423747E-19 0.1950167455833E+00 0.7819290358914E+00  
 0.2250023869746E+00 0.20000000000000E+02  
 A6 46 0.20000000E+00 4  
 0.1013526171654E+06 0.3732398111652E-19 0.1950167889881E+00 0.7819289863656E+00  
 0.2250023869747E+00 0.20000000000000E+02  
 A6 47 0.20000000E+00 4  
 0.1013526171653E+06 0.3119679620485E-19 0.1950167633130E+00 0.7819290156614E+00

# TMVOC Initial Conditions (INCON) File

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0.2250023869746E+00 0.20000000000000E+02
A6 48 0.200000000E+00 4
0.1013526171653E+06 0.4529468623229E-19 0.1950167630949E+00 0.7819290159101E+00
0.2250023869746E+00 0.20000000000000E+02
A6 49 0.200000000E+00 4
0.1013526171653E+06 0.6685739600914E-19 0.1950167526226E+00 0.7819290278593E+00
0.2250023869746E+00 0.20000000000000E+02
A6 50 0.200000000E+00 4
0.1013526171654E+06 0.5672886811170E-19 0.1950167719394E+00 0.7819290058185E+00
0.2250023869747E+00 0.20000000000000E+02
A6 51 0.200000000E+00 4
0.1013526171653E+06 0.9329382182840E-19 0.1950167588464E+00 0.7819290207579E+00
0.2250023869746E+00 0.20000000000000E+02
A6 52 0.200000000E+00 4
0.1013526171653E+06 0.2143964949238E-19 0.1950167617271E+00 0.7819290174708E+00
0.2250023869746E+00 0.20000000000000E+02
A6 53 0.200000000E+00 4
0.1013526171653E+06 0.3672500537667E-19 0.1950167637874E+00 0.7819290151200E+00
0.2250023869746E+00 0.20000000000000E+02
A6 54 0.200000000E+00 4
0.1013526171653E+06 0.1066089239541E-18 0.1950167634648E+00 0.7819290154881E+00
0.2250023869746E+00 0.20000000000000E+02
A6 55 0.200000000E+00 4
0.1013526171653E+06 0.2149092209333E-19 0.1950167631325E+00 0.7819290158673E+00
0.2250023869746E+00 0.20000000000000E+02
A6 56 0.200000000E+00 4
0.1013526171653E+06 0.1509088251686E-19 0.1950167631664E+00 0.7819290158286E+00
0.2250023869746E+00 0.20000000000000E+02
A6 57 0.200000000E+00 4
0.1013526171653E+06 0.6052027518280E-19 0.1950167630849E+00 0.7819290159216E+00
0.2250023869746E+00 0.20000000000000E+02
A6 58 0.200000000E+00 4
0.1013526171653E+06 0.3924097680711E-19 0.1950167631608E+00 0.7819290158350E+00
0.2250023869746E+00 0.20000000000000E+02
A6 59 0.200000000E+00 4
0.1013526171653E+06 0.2485554824937E-18 0.1950167631015E+00 0.7819290159026E+00
0.2250023869746E+00 0.20000000000000E+02
A6 60 0.200000000E+00 4
0.1013526171653E+06 0.1645713228630E-18 0.1950167628511E+00 0.7819290161884E+00
0.2250023869746E+00 0.20000000000000E+02
A6 61 0.200000000E+00 4
0.1013526171653E+06 0.4001420767561E-19 0.1950167625383E+00 0.7819290165452E+00
0.2250023869746E+00 0.20000000000000E+02
A6 62 0.200000000E+00 4
0.1013526171654E+06 0.2267741014532E-19 0.1950168637262E+00 0.7819289008347E+00
0.2250023869747E+00 0.20000000000000E+02
A7 1 0.200000000E+00 4
0.1013643122501E+06 0.1326872201871E-18 0.1950497796248E+00 0.7818944936006E+00
0.2250023880432E+00 0.20000000000000E+02
A7 2 0.200000000E+00 4
0.1013643122115E+06 0.7681276902219E-19 0.1950283395184E+00 0.7819189299634E+00
0.2250023880333E+00 0.20000000000000E+02
A7 3 0.200000000E+00 4
0.1013643121986E+06 0.1052809495293E-18 0.1950206677657E+00 0.7819276490708E+00
0.2250023880297E+00 0.20000000000000E+02
A7 4 0.200000000E+00 4
0.1013643121972E+06 0.8594461028787E-19 0.1950197851163E+00 0.7819286526522E+00
0.2250023880292E+00 0.20000000000000E+02
A7 5 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

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	0.1013643121962E+06	0.1168545818761E-18	0.1950191272010E+00	0.7819294005071E+00
	0.2250023880289E+00	0.2000000000000E+02		
A7 6	0.20000000E+00	4		
	0.1013643121923E+06	0.2021928421769E-18	0.1950167531866E+00	0.7819320952391E+00
	0.2250023880278E+00	0.2000000000000E+02		
A7 7	0.20000000E+00	4		
	0.1013643121936E+06	0.5628023452648E-19	0.1950176030057E+00	0.7819311306079E+00
	0.2250023880282E+00	0.2000000000000E+02		
A7 8	0.20000000E+00	4		
	0.1013643122010E+06	0.2259606864262E-19	0.1950220669813E+00	0.7819260612241E+00
	0.2250023880303E+00	0.2000000000000E+02		
A7 9	0.20000000E+00	4		
	0.1013643121940E+06	0.8162784190182E-19	0.1950178309229E+00	0.7819308710982E+00
	0.2250023880283E+00	0.2000000000000E+02		
A7 10	0.20000000E+00	4		
	0.1013643121981E+06	0.3100721647032E-18	0.1950203136108E+00	0.7819280525886E+00
	0.2250023880295E+00	0.2000000000000E+02		
A7 11	0.20000000E+00	4		
	0.1013643122057E+06	0.9999428271259E-30	0.1950248141011E+00	0.7819229408057E+00
	0.2250023880317E+00	0.2000000000000E+02		
A7 12	0.20000000E+00	4		
	0.1013643121958E+06	0.3719205210008E-19	0.1950188488622E+00	0.7819297173205E+00
	0.2250023880288E+00	0.2000000000000E+02		
A7 13	0.20000000E+00	4		
	0.1013643121960E+06	0.5734987248257E-19	0.1950189142342E+00	0.7819296448854E+00
	0.2250023880288E+00	0.2000000000000E+02		
A7 14	0.20000000E+00	4		
	0.1013643121971E+06	0.1782727181182E-18	0.1950195454178E+00	0.7819289293941E+00
	0.2250023880292E+00	0.2000000000000E+02		
A7 15	0.20000000E+00	4		
	0.1013643121956E+06	0.7618380834411E-19	0.1950186321530E+00	0.7819299667253E+00
	0.2250023880287E+00	0.2000000000000E+02		
A7 16	0.20000000E+00	4		
	0.1013643121943E+06	0.2161487272753E-18	0.1950178383627E+00	0.7819308680782E+00
	0.2250023880283E+00	0.2000000000000E+02		
A7 17	0.20000000E+00	4		
	0.1013643121971E+06	0.4288595307108E-19	0.1950195349334E+00	0.7819289420629E+00
	0.2250023880292E+00	0.2000000000000E+02		
A7 18	0.20000000E+00	4		
	0.1013643121977E+06	0.4894843223315E-19	0.1950199092507E+00	0.7819285169359E+00
	0.2250023880293E+00	0.2000000000000E+02		
A7 19	0.20000000E+00	4		
	0.1013643121949E+06	0.3660461625837E-19	0.1950182147391E+00	0.7819304405953E+00
	0.2250023880285E+00	0.2000000000000E+02		
A7 20	0.20000000E+00	4		
	0.1013643121990E+06	0.1735091554222E-19	0.1950206727215E+00	0.7819276491021E+00
	0.2250023880297E+00	0.2000000000000E+02		
A7 21	0.20000000E+00	4		
	0.1013643121977E+06	0.7007754730895E-19	0.1950199486300E+00	0.7819284709575E+00
	0.2250023880293E+00	0.2000000000000E+02		
A7 22	0.20000000E+00	4		
	0.1013643121973E+06	0.1304286544221E-18	0.1950196909880E+00	0.7819287641073E+00
	0.2250023880292E+00	0.2000000000000E+02		
A7 23	0.20000000E+00	4		
	0.1013643121975E+06	0.1430557526825E-18	0.1950198015694E+00	0.7819286386407E+00
	0.2250023880293E+00	0.2000000000000E+02		
A7 24	0.20000000E+00	4		
	0.1013643121976E+06	0.1415677374028E-18	0.1950198558022E+00	0.7819285770912E+00
	0.2250023880293E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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A7 25      0.20000000E+00 4
0.1013643121975E+06 0.8524421032820E-19 0.1950197613589E+00 0.7819286842772E+00
0.2250023880293E+00 0.20000000000000E+02
A7 26      0.20000000E+00 4
0.1013643121976E+06 0.2164991855358E-18 0.1950198427672E+00 0.7819285916231E+00
0.2250023880293E+00 0.20000000000000E+02
A7 27      0.20000000E+00 4
0.1013643121973E+06 0.4794581558750E-19 0.1950196702402E+00 0.7819287877301E+00
0.2250023880292E+00 0.20000000000000E+02
A7 28      0.20000000E+00 4
0.1013643121975E+06 0.1431997548048E-18 0.1950197980142E+00 0.7819286424485E+00
0.2250023880293E+00 0.20000000000000E+02
A7 29      0.20000000E+00 4
0.1013643121976E+06 0.3783111879535E-19 0.1950198480451E+00 0.7819285858835E+00
0.2250023880293E+00 0.20000000000000E+02
A7 30      0.20000000E+00 4
0.1013643121977E+06 0.4334583751793E-19 0.1950198853659E+00 0.7819285435232E+00
0.2250023880293E+00 0.20000000000000E+02
A7 31      0.20000000E+00 4
0.1013643121975E+06 0.3021186366878E-19 0.1950198027311E+00 0.7819286373424E+00
0.2250023880293E+00 0.20000000000000E+02
A7 32      0.20000000E+00 4
0.1013643121974E+06 0.8327905684812E-19 0.1950197423311E+00 0.7819287061460E+00
0.2250023880293E+00 0.20000000000000E+02
A7 33      0.20000000E+00 4
0.1013643121976E+06 0.8517938766672E-19 0.1950198322887E+00 0.7819286037706E+00
0.2250023880293E+00 0.20000000000000E+02
A7 34      0.20000000E+00 4
0.1013643121978E+06 0.5351383727993E-19 0.1950199934001E+00 0.7819284206228E+00
0.2250023880294E+00 0.20000000000000E+02
A7 35      0.20000000E+00 4
0.1013643121976E+06 0.2429270674343E-19 0.1950198313111E+00 0.7819286048851E+00
0.2250023880293E+00 0.20000000000000E+02
A7 36      0.20000000E+00 4
0.1013643121974E+06 0.3890504915889E-19 0.1950197008323E+00 0.7819287532633E+00
0.2250023880292E+00 0.20000000000000E+02
A7 37      0.20000000E+00 4
0.1013643121976E+06 0.2874779887587E-19 0.1950198224380E+00 0.7819286149671E+00
0.2250023880293E+00 0.20000000000000E+02
A7 38      0.20000000E+00 4
0.1013643121976E+06 0.2429259454555E-19 0.1950198147863E+00 0.7819286236588E+00
0.2250023880293E+00 0.20000000000000E+02
A7 39      0.20000000E+00 4
0.1013643121976E+06 0.1910777680009E-20 0.1950198219824E+00 0.7819286154844E+00
0.2250023880293E+00 0.20000000000000E+02
A7 40      0.20000000E+00 4
0.1013643121976E+06 0.7271765839300E-19 0.1950198222033E+00 0.7819286152335E+00
0.2250023880293E+00 0.20000000000000E+02
A7 41      0.20000000E+00 4
0.1013643121976E+06 0.8353909836574E-19 0.1950198241403E+00 0.7819286132837E+00
0.2250023880293E+00 0.20000000000000E+02
A7 42      0.20000000E+00 4
0.1013643121976E+06 0.5883544065025E-19 0.1950198171837E+00 0.7819286211821E+00
0.2250023880293E+00 0.20000000000000E+02
A7 43      0.20000000E+00 4
0.1013643121976E+06 0.1601931243314E-18 0.1950198501158E+00 0.7819285835438E+00
0.2250023880293E+00 0.20000000000000E+02
A7 44      0.20000000E+00 4
0.1013643121976E+06 0.2474090538789E-19 0.1950198243442E+00 0.7819286130523E+00
  
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# TMVOC Initial Conditions (INCON) File

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0.2250023880293E+00 0.20000000000000E+02
A7 45      0.200000000E+00 4
0.1013643121976E+06 0.1380507236961E-19 0.1950198058168E+00 0.7819286340871E+00
0.2250023880293E+00 0.20000000000000E+02
A7 46      0.200000000E+00 4
0.1013643121976E+06 0.3241880307932E-19 0.1950198511928E+00 0.7819285825703E+00
0.2250023880293E+00 0.20000000000000E+02
A7 47      0.200000000E+00 4
0.1013643121976E+06 0.2775185747059E-19 0.1950198243514E+00 0.7819286130440E+00
0.2250023880293E+00 0.20000000000000E+02
A7 48      0.200000000E+00 4
0.1013643121976E+06 0.3935506292803E-19 0.1950198241234E+00 0.7819286133028E+00
0.2250023880293E+00 0.20000000000000E+02
A7 49      0.200000000E+00 4
0.1013643121976E+06 0.5900174102514E-19 0.1950198131755E+00 0.7819286257324E+00
0.2250023880293E+00 0.20000000000000E+02
A7 50      0.200000000E+00 4
0.1013643121976E+06 0.5042500046693E-19 0.1950198333695E+00 0.7819286028054E+00
0.2250023880293E+00 0.20000000000000E+02
A7 51      0.200000000E+00 4
0.1013643121976E+06 0.8173575374926E-19 0.1950198196820E+00 0.7819286183454E+00
0.2250023880293E+00 0.20000000000000E+02
A7 52      0.200000000E+00 4
0.1013643121976E+06 0.1843285039626E-19 0.1950198226934E+00 0.7819286149263E+00
0.2250023880293E+00 0.20000000000000E+02
A7 53      0.200000000E+00 4
0.1013643121976E+06 0.3362540834913E-19 0.1950198248474E+00 0.7819286124809E+00
0.2250023880293E+00 0.20000000000000E+02
A7 54      0.200000000E+00 4
0.1013643121976E+06 0.9487609503552E-19 0.1950198245102E+00 0.7819286128638E+00
0.2250023880293E+00 0.20000000000000E+02
A7 55      0.200000000E+00 4
0.1013643121976E+06 0.1811023827181E-19 0.1950198241627E+00 0.7819286132582E+00
0.2250023880293E+00 0.20000000000000E+02
A7 56      0.200000000E+00 4
0.1013643121976E+06 0.1371857867806E-19 0.1950198241983E+00 0.7819286132179E+00
0.2250023880293E+00 0.20000000000000E+02
A7 57      0.200000000E+00 4
0.1013643121976E+06 0.5333547254602E-19 0.1950198241128E+00 0.7819286133148E+00
0.2250023880293E+00 0.20000000000000E+02
A7 58      0.200000000E+00 4
0.1013643121976E+06 0.3549222323491E-19 0.1950198241924E+00 0.7819286132245E+00
0.2250023880293E+00 0.20000000000000E+02
A7 59      0.200000000E+00 4
0.1013643121976E+06 0.2209158780368E-18 0.1950198241304E+00 0.7819286132949E+00
0.2250023880293E+00 0.20000000000000E+02
A7 60      0.200000000E+00 4
0.1013643121976E+06 0.1460742274823E-18 0.1950198238685E+00 0.7819286135922E+00
0.2250023880293E+00 0.20000000000000E+02
A7 61      0.200000000E+00 4
0.1013643121976E+06 0.3562026759813E-19 0.1950198235415E+00 0.7819286139635E+00
0.2250023880293E+00 0.20000000000000E+02
A7 62      0.200000000E+00 4
0.1013643121977E+06 0.2012805647941E-19 0.1950199293138E+00 0.7819284936215E+00
0.2250023880293E+00 0.20000000000000E+02
A8 1       0.200000000E+00 4
0.1013760086705E+06 0.1209840776342E-18 0.1950575060958E+00 0.7818894226192E+00
0.2250023891028E+00 0.20000000000000E+02
A8 2       0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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	0.1013760086181E+06	0.7460586547984E-19	0.1950358966848E+00	0.7819140306432E+00
	0.2250023890930E+00	0.2000000000000E+02		
A8 3	0.20000000E+00	4		
	0.1013760086003E+06	0.9742522119304E-19	0.1950281336903E+00	0.7819228420710E+00
	0.2250023890893E+00	0.2000000000000E+02		
A8 4	0.20000000E+00	4		
	0.1013760085983E+06	0.8331863928115E-19	0.1950272394807E+00	0.7819238573463E+00
	0.2250023890889E+00	0.2000000000000E+02		
A8 5	0.20000000E+00	4		
	0.1013760085969E+06	0.1086680460450E-18	0.1950265728106E+00	0.7819246140564E+00
	0.2250023890886E+00	0.2000000000000E+02		
A8 6	0.20000000E+00	4		
	0.1013760085914E+06	0.1814725664048E-18	0.1950241661692E+00	0.7819273417840E+00
	0.2250023890874E+00	0.2000000000000E+02		
A8 7	0.20000000E+00	4		
	0.1013760085933E+06	0.4933101142922E-19	0.1950250278420E+00	0.7819263651655E+00
	0.2250023890878E+00	0.2000000000000E+02		
A8 8	0.20000000E+00	4		
	0.1013760086036E+06	0.2071919690789E-19	0.1950295507546E+00	0.7819212361712E+00
	0.2250023890900E+00	0.2000000000000E+02		
A8 9	0.20000000E+00	4		
	0.1013760085938E+06	0.7308296674422E-19	0.1950252588886E+00	0.7819261024899E+00
	0.2250023890880E+00	0.2000000000000E+02		
A8 10	0.20000000E+00	4		
	0.1013760085996E+06	0.2760925472724E-18	0.1950277749456E+00	0.7819232502332E+00
	0.2250023890892E+00	0.2000000000000E+02		
A8 11	0.20000000E+00	4		
	0.1013760086101E+06	0.9999428271259E-30	0.1950323314063E+00	0.7819180818284E+00
	0.2250023890914E+00	0.2000000000000E+02		
A8 12	0.20000000E+00	4		
	0.1013760085963E+06	0.3268681542417E-19	0.1950262907800E+00	0.7819249346057E+00
	0.2250023890885E+00	0.2000000000000E+02		
A8 13	0.20000000E+00	4		
	0.1013760085966E+06	0.5092771456995E-19	0.1950263570064E+00	0.7819248613075E+00
	0.2250023890885E+00	0.2000000000000E+02		
A8 14	0.20000000E+00	4		
	0.1013760085981E+06	0.1587597947926E-18	0.1950269966670E+00	0.7819241372445E+00
	0.2250023890888E+00	0.2000000000000E+02		
A8 15	0.20000000E+00	4		
	0.1013760085961E+06	0.7007428729851E-19	0.1950260711769E+00	0.7819251869411E+00
	0.2250023890884E+00	0.2000000000000E+02		
A8 16	0.20000000E+00	4		
	0.1013760085942E+06	0.1886971625416E-18	0.1950252664620E+00	0.7819260993415E+00
	0.2250023890880E+00	0.2000000000000E+02		
A8 17	0.20000000E+00	4		
	0.1013760085981E+06	0.3853333127462E-19	0.1950269860462E+00	0.7819241500521E+00
	0.2250023890888E+00	0.2000000000000E+02		
A8 18	0.20000000E+00	4		
	0.1013760085990E+06	0.4351557288106E-19	0.1950273653254E+00	0.7819237199065E+00
	0.2250023890890E+00	0.2000000000000E+02		
A8 19	0.20000000E+00	4		
	0.1013760085950E+06	0.3270202023201E-19	0.1950256479897E+00	0.7819256666485E+00
	0.2250023890882E+00	0.2000000000000E+02		
A8 20	0.20000000E+00	4		
	0.1013760086007E+06	0.1597779717723E-19	0.1950281388036E+00	0.7819228419499E+00
	0.2250023890894E+00	0.2000000000000E+02		
A8 21	0.20000000E+00	4		
	0.1013760085990E+06	0.6552479228839E-19	0.1950274052186E+00	0.7819236734069E+00
	0.2250023890890E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

A8 22 0.20000000E+00 4  
0.1013760085984E+06 0.1143981204202E-18 0.1950271441633E+00 0.7819239700096E+00  
0.2250023890889E+00 0.20000000000000E+02  
A8 23 0.20000000E+00 4  
0.1013760085987E+06 0.1245172308218E-18 0.1950272562169E+00 0.7819238430541E+00  
0.2250023890890E+00 0.20000000000000E+02  
A8 24 0.20000000E+00 4  
0.1013760085988E+06 0.1246974777258E-18 0.1950273111686E+00 0.7819237807776E+00  
0.2250023890890E+00 0.20000000000000E+02  
A8 25 0.20000000E+00 4  
0.1013760085986E+06 0.7506155750355E-19 0.1950272154735E+00 0.7819238892296E+00  
0.2250023890889E+00 0.20000000000000E+02  
A8 26 0.20000000E+00 4  
0.1013760085988E+06 0.1930323538594E-18 0.1950272979588E+00 0.7819237954860E+00  
0.2250023890890E+00 0.20000000000000E+02  
A8 27 0.20000000E+00 4  
0.1013760085984E+06 0.4335292338944E-19 0.1950271231501E+00 0.7819239939010E+00  
0.2250023890889E+00 0.20000000000000E+02  
A8 28 0.20000000E+00 4  
0.1013760085987E+06 0.1263221691719E-18 0.1950272526175E+00 0.7819238469064E+00  
0.2250023890890E+00 0.20000000000000E+02  
A8 29 0.20000000E+00 4  
0.1013760085988E+06 0.3322874632450E-19 0.1950273033072E+00 0.7819237896753E+00  
0.2250023890890E+00 0.20000000000000E+02  
A8 30 0.20000000E+00 4  
0.1013760085989E+06 0.3742819169975E-19 0.1950273411215E+00 0.7819237468159E+00  
0.2250023890890E+00 0.20000000000000E+02  
A8 31 0.20000000E+00 4  
0.1013760085987E+06 0.2568553635500E-19 0.1950272573968E+00 0.7819238417374E+00  
0.2250023890890E+00 0.20000000000000E+02  
A8 32 0.20000000E+00 4  
0.1013760085986E+06 0.7377653279077E-19 0.1950271961966E+00 0.7819239113506E+00  
0.2250023890889E+00 0.20000000000000E+02  
A8 33 0.20000000E+00 4  
0.1013760085988E+06 0.7530131460100E-19 0.1950272873426E+00 0.7819238077729E+00  
0.2250023890890E+00 0.20000000000000E+02  
A8 34 0.20000000E+00 4  
0.1013760085991E+06 0.4886364403023E-19 0.1950274505784E+00 0.7819236224764E+00  
0.2250023890890E+00 0.20000000000000E+02  
A8 35 0.20000000E+00 4  
0.1013760085988E+06 0.2100221317777E-19 0.1950272863528E+00 0.7819238088999E+00  
0.2250023890890E+00 0.20000000000000E+02  
A8 36 0.20000000E+00 4  
0.1013760085985E+06 0.3392758596597E-19 0.1950271541494E+00 0.7819239590226E+00  
0.2250023890889E+00 0.20000000000000E+02  
A8 37 0.20000000E+00 4  
0.1013760085988E+06 0.2580800063519E-19 0.1950272773638E+00 0.7819238190991E+00  
0.2250023890890E+00 0.20000000000000E+02  
A8 38 0.20000000E+00 4  
0.1013760085987E+06 0.2081182084894E-19 0.1950272696117E+00 0.7819238278923E+00  
0.2250023890890E+00 0.20000000000000E+02  
A8 39 0.20000000E+00 4  
0.1013760085988E+06 0.1237453414395E-20 0.1950272769021E+00 0.7819238196225E+00  
0.2250023890890E+00 0.20000000000000E+02  
A8 40 0.20000000E+00 4  
0.1013760085988E+06 0.6448730180804E-19 0.1950272771260E+00 0.7819238193686E+00  
0.2250023890890E+00 0.20000000000000E+02  
A8 41 0.20000000E+00 4  
0.1013760085988E+06 0.7257339006737E-19 0.1950272790885E+00 0.7819238173932E+00



# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250023890890E+00 0.2000000000000E+02
A8 42 0.200000000E+00 4
0.1013760085988E+06 0.5210152632195E-19 0.1950272720403E+00 0.7819238253844E+00
0.2250023890890E+00 0.2000000000000E+02
A8 43 0.200000000E+00 4
0.1013760085988E+06 0.1395716928590E-18 0.1950273054067E+00 0.7819237873065E+00
0.2250023890890E+00 0.2000000000000E+02
A8 44 0.200000000E+00 4
0.1013760085988E+06 0.2068937879536E-19 0.1950272792952E+00 0.7819238171591E+00
0.2250023890890E+00 0.2000000000000E+02
A8 45 0.200000000E+00 4
0.1013760085987E+06 0.1169631066706E-19 0.1950272605232E+00 0.7819238384412E+00
0.2250023890890E+00 0.2000000000000E+02
A8 46 0.200000000E+00 4
0.1013760085988E+06 0.2798511802858E-19 0.1950273064980E+00 0.7819237863188E+00
0.2250023890890E+00 0.2000000000000E+02
A8 47 0.200000000E+00 4
0.1013760085988E+06 0.2460114051047E-19 0.1950272793025E+00 0.7819238171507E+00
0.2250023890890E+00 0.2000000000000E+02
A8 48 0.200000000E+00 4
0.1013760085988E+06 0.3393074252197E-19 0.1950272790715E+00 0.7819238174126E+00
0.2250023890890E+00 0.2000000000000E+02
A8 49 0.200000000E+00 4
0.1013760085988E+06 0.5178882058894E-19 0.1950272679791E+00 0.7819238299882E+00
0.2250023890890E+00 0.2000000000000E+02
A8 50 0.200000000E+00 4
0.1013760085988E+06 0.4464783877282E-19 0.1950272884396E+00 0.7819238067917E+00
0.2250023890890E+00 0.2000000000000E+02
A8 51 0.200000000E+00 4
0.1013760085988E+06 0.7111323327907E-19 0.1950272745714E+00 0.7819238225144E+00
0.2250023890890E+00 0.2000000000000E+02
A8 52 0.200000000E+00 4
0.1013760085988E+06 0.1577594877623E-19 0.1950272776226E+00 0.7819238190552E+00
0.2250023890890E+00 0.2000000000000E+02
A8 53 0.200000000E+00 4
0.1013760085988E+06 0.3073129089555E-19 0.1950272798051E+00 0.7819238165809E+00
0.2250023890890E+00 0.2000000000000E+02
A8 54 0.200000000E+00 4
0.1013760085988E+06 0.8407850005585E-19 0.1950272794633E+00 0.7819238169683E+00
0.2250023890890E+00 0.2000000000000E+02
A8 55 0.200000000E+00 4
0.1013760085988E+06 0.1514397201621E-19 0.1950272791113E+00 0.7819238173674E+00
0.2250023890890E+00 0.2000000000000E+02
A8 56 0.200000000E+00 4
0.1013760085988E+06 0.1245732678769E-19 0.1950272791473E+00 0.7819238173266E+00
0.2250023890890E+00 0.2000000000000E+02
A8 57 0.200000000E+00 4
0.1013760085988E+06 0.4675948423539E-19 0.1950272790607E+00 0.7819238174247E+00
0.2250023890890E+00 0.2000000000000E+02
A8 58 0.200000000E+00 4
0.1013760085988E+06 0.3200320548012E-19 0.1950272791414E+00 0.7819238173334E+00
0.2250023890890E+00 0.2000000000000E+02
A8 59 0.200000000E+00 4
0.1013760085988E+06 0.1954800276043E-18 0.1950272790786E+00 0.7819238174046E+00
0.2250023890890E+00 0.2000000000000E+02
A8 60 0.200000000E+00 4
0.1013760085988E+06 0.1291604790379E-18 0.1950272788133E+00 0.7819238177054E+00
0.2250023890890E+00 0.2000000000000E+02
A8 61 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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	0.1013760085988E+06	0.3158481429306E-19	0.1950272784819E+00	0.7819238180810E+00
	0.2250023890890E+00	0.2000000000000E+02		
A8 62	0.20000000E+00	4		
	0.1013760085990E+06	0.1776565093592E-19	0.1950273856473E+00	0.7819236963298E+00
	0.2250023890890E+00	0.2000000000000E+02		
A9 1	0.20000000E+00	4		
	0.1013877064654E+06	0.1103147705822E-18	0.1950670396488E+00	0.7818825469814E+00
	0.2250023901645E+00	0.2000000000000E+02		
A9 2	0.20000000E+00	4		
	0.1013877063992E+06	0.7262064775035E-19	0.1950456511457E+00	0.7819069348540E+00
	0.2250023901553E+00	0.2000000000000E+02		
A9 3	0.20000000E+00	4		
	0.1013877063764E+06	0.9045374907554E-19	0.1950379455857E+00	0.7819156892132E+00
	0.2250023901518E+00	0.2000000000000E+02		
A9 4	0.20000000E+00	4		
	0.1013877063739E+06	0.8093132454867E-19	0.1950370572822E+00	0.7819166986283E+00
	0.2250023901514E+00	0.2000000000000E+02		
A9 5	0.20000000E+00	4		
	0.1013877063720E+06	0.1011395856250E-18	0.1950363948959E+00	0.7819174510891E+00
	0.2250023901511E+00	0.2000000000000E+02		
A9 6	0.20000000E+00	4		
	0.1013877063650E+06	0.1624888817446E-18	0.1950340029704E+00	0.7819201642286E+00
	0.2250023901499E+00	0.2000000000000E+02		
A9 7	0.20000000E+00	4		
	0.1013877063675E+06	0.4301993571923E-19	0.1950348595634E+00	0.7819191926433E+00
	0.2250023901503E+00	0.2000000000000E+02		
A9 8	0.20000000E+00	4		
	0.1013877063806E+06	0.1902513211362E-19	0.1950393531859E+00	0.7819140927078E+00
	0.2250023901524E+00	0.2000000000000E+02		
A9 9	0.20000000E+00	4		
	0.1013877063681E+06	0.6529423856991E-19	0.1950350893074E+00	0.7819189312576E+00
	0.2250023901504E+00	0.2000000000000E+02		
A9 10	0.20000000E+00	4		
	0.1013877063755E+06	0.2450280583960E-18	0.1950375890624E+00	0.7819160951727E+00
	0.2250023901516E+00	0.2000000000000E+02		
A9 11	0.20000000E+00	4		
	0.1013877063889E+06	0.9999428271259E-30	0.1950421134344E+00	0.7819109586338E+00
	0.2250023901537E+00	0.2000000000000E+02		
A9 12	0.20000000E+00	4		
	0.1013877063713E+06	0.2860716321686E-19	0.1950361143024E+00	0.7819177702167E+00
	0.2250023901509E+00	0.2000000000000E+02		
A9 13	0.20000000E+00	4		
	0.1013877063716E+06	0.4507466351063E-19	0.1950361803290E+00	0.7819176971150E+00
	0.2250023901510E+00	0.2000000000000E+02		
A9 14	0.20000000E+00	4		
	0.1013877063736E+06	0.1409425733741E-18	0.1950368156826E+00	0.7819169773262E+00
	0.2250023901513E+00	0.2000000000000E+02		
A9 15	0.20000000E+00	4		
	0.1013877063709E+06	0.6443808397989E-19	0.1950358959155E+00	0.7819180213485E+00
	0.2250023901508E+00	0.2000000000000E+02		
A9 16	0.20000000E+00	4		
	0.1013877063685E+06	0.1637029381785E-18	0.1950350966757E+00	0.7819189283161E+00
	0.2250023901505E+00	0.2000000000000E+02		
A9 17	0.20000000E+00	4		
	0.1013877063736E+06	0.3456286693969E-19	0.1950368051140E+00	0.7819169900825E+00
	0.2250023901513E+00	0.2000000000000E+02		
A9 18	0.20000000E+00	4		
	0.1013877063747E+06	0.3854924103218E-19	0.1950371818741E+00	0.7819165624365E+00
	0.2250023901514E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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A9 19      0.20000000E+00 4
0.1013877063696E+06 0.2913194785862E-19 0.1950354759396E+00 0.7819184978666E+00
0.2250023901506E+00 0.20000000000000E+02
A9 20      0.20000000E+00 4
0.1013877063769E+06 0.1477673242538E-19 0.1950379500281E+00 0.7819156897644E+00
0.2250023901518E+00 0.20000000000000E+02
A9 21      0.20000000E+00 4
0.1013877063747E+06 0.6135244702897E-19 0.1950372215278E+00 0.7819165161740E+00
0.2250023901515E+00 0.20000000000000E+02
A9 22      0.20000000E+00 4
0.1013877063740E+06 0.9980478174091E-19 0.1950369622563E+00 0.7819168110064E+00
0.2250023901513E+00 0.20000000000000E+02
A9 23      0.20000000E+00 4
0.1013877063743E+06 0.1075900669196E-18 0.1950370735165E+00 0.7819166848386E+00
0.2250023901514E+00 0.20000000000000E+02
A9 24      0.20000000E+00 4
0.1013877063745E+06 0.1093516294982E-18 0.1950371280928E+00 0.7819166229346E+00
0.2250023901514E+00 0.20000000000000E+02
A9 25      0.20000000E+00 4
0.1013877063742E+06 0.6584346254775E-19 0.1950370330497E+00 0.7819167307395E+00
0.2250023901514E+00 0.20000000000000E+02
A9 26      0.20000000E+00 4
0.1013877063744E+06 0.1715623341458E-18 0.1950371149843E+00 0.7819166375424E+00
0.2250023901514E+00 0.20000000000000E+02
A9 27      0.20000000E+00 4
0.1013877063739E+06 0.3918184417554E-19 0.1950369413139E+00 0.7819168348281E+00
0.2250023901513E+00 0.20000000000000E+02
A9 28      0.20000000E+00 4
0.1013877063743E+06 0.1108772690260E-18 0.1950370699201E+00 0.7819166886880E+00
0.2250023901514E+00 0.20000000000000E+02
A9 29      0.20000000E+00 4
0.1013877063745E+06 0.2903068276696E-19 0.1950371202959E+00 0.7819166317682E+00
0.2250023901514E+00 0.20000000000000E+02
A9 30      0.20000000E+00 4
0.1013877063746E+06 0.3212100532747E-19 0.1950371578556E+00 0.7819165891615E+00
0.2250023901514E+00 0.20000000000000E+02
A9 31      0.20000000E+00 4
0.1013877063743E+06 0.2175808781687E-19 0.1950370746694E+00 0.7819166835489E+00
0.2250023901514E+00 0.20000000000000E+02
A9 32      0.20000000E+00 4
0.1013877063742E+06 0.6509456657580E-19 0.1950370138813E+00 0.7819167527532E+00
0.2250023901514E+00 0.20000000000000E+02
A9 33      0.20000000E+00 4
0.1013877063744E+06 0.6629840378971E-19 0.1950371044358E+00 0.7819166497622E+00
0.2250023901514E+00 0.20000000000000E+02
A9 34      0.20000000E+00 4
0.1013877063749E+06 0.4456086427541E-19 0.1950372665987E+00 0.7819164655301E+00
0.2250023901515E+00 0.20000000000000E+02
A9 35      0.20000000E+00 4
0.1013877063744E+06 0.1799089855264E-19 0.1950371034480E+00 0.7819166508873E+00
0.2250023901514E+00 0.20000000000000E+02
A9 36      0.20000000E+00 4
0.1013877063741E+06 0.2934831658834E-19 0.1950369721008E+00 0.7819168001606E+00
0.2250023901513E+00 0.20000000000000E+02
A9 37      0.20000000E+00 4
0.1013877063744E+06 0.2314778946432E-19 0.1950370945093E+00 0.7819166610366E+00
0.2250023901514E+00 0.20000000000000E+02
A9 38      0.20000000E+00 4
0.1013877063744E+06 0.1767515433542E-19 0.1950370868029E+00 0.7819166697846E+00

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(

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0.2250023901514E+00 0.20000000000000E+02
A9 39 0.200000000E+00 4
0.1013877063744E+06 0.6286492053008E-21 0.1950370940506E+00 0.7819166615571E+00
0.2250023901514E+00 0.20000000000000E+02
A9 40 0.200000000E+00 4
0.1013877063744E+06 0.5689652320264E-19 0.1950370942730E+00 0.7819166613046E+00
0.2250023901514E+00 0.20000000000000E+02
A9 41 0.200000000E+00 4
0.1013877063744E+06 0.6269355079663E-19 0.1950370962235E+00 0.7819166593413E+00
0.2250023901514E+00 0.20000000000000E+02
A9 42 0.200000000E+00 4
0.1013877063744E+06 0.4593936483071E-19 0.1950370892202E+00 0.7819166672879E+00
0.2250023901514E+00 0.20000000000000E+02
A9 43 0.200000000E+00 4
0.1013877063745E+06 0.1207159405301E-18 0.1950371223713E+00 0.7819166294235E+00
0.2250023901514E+00 0.20000000000000E+02
A9 44 0.200000000E+00 4
0.1013877063744E+06 0.1713912363823E-19 0.1950370964287E+00 0.7819166591086E+00
0.2250023901514E+00 0.20000000000000E+02
A9 45 0.200000000E+00 4
0.1013877063744E+06 0.9773944034663E-20 0.1950370777775E+00 0.7819166802709E+00
0.2250023901514E+00 0.20000000000000E+02
A9 46 0.200000000E+00 4
0.1013877063745E+06 0.2400803670091E-19 0.1950371234561E+00 0.7819166284424E+00
0.2250023901514E+00 0.20000000000000E+02
A9 47 0.200000000E+00 4
0.1013877063744E+06 0.2172324385387E-19 0.1950370964360E+00 0.7819166591002E+00
0.2250023901514E+00 0.20000000000000E+02
A9 48 0.200000000E+00 4
0.1013877063744E+06 0.2899516344590E-19 0.1950370962065E+00 0.7819166593605E+00
0.2250023901514E+00 0.20000000000000E+02
A9 49 0.200000000E+00 4
0.1013877063744E+06 0.4526986456732E-19 0.1950370851855E+00 0.7819166718654E+00
0.2250023901514E+00 0.20000000000000E+02
A9 50 0.200000000E+00 4
0.1013877063745E+06 0.3940020797057E-19 0.1950371055143E+00 0.7819166487996E+00
0.2250023901514E+00 0.20000000000000E+02
A9 51 0.200000000E+00 4
0.1013877063744E+06 0.6141550338599E-19 0.1950370917354E+00 0.7819166644337E+00
0.2250023901514E+00 0.20000000000000E+02
A9 52 0.200000000E+00 4
0.1013877063744E+06 0.1343999331891E-19 0.1950370947670E+00 0.7819166609938E+00
0.2250023901514E+00 0.20000000000000E+02
A9 53 0.200000000E+00 4
0.1013877063744E+06 0.2805819948753E-19 0.1950370969353E+00 0.7819166585336E+00
0.2250023901514E+00 0.20000000000000E+02
A9 54 0.200000000E+00 4
0.1013877063744E+06 0.7413014657473E-19 0.1950370965958E+00 0.7819166589188E+00
0.2250023901514E+00 0.20000000000000E+02
A9 55 0.200000000E+00 4
0.1013877063744E+06 0.1255324586431E-19 0.1950370962461E+00 0.7819166593157E+00
0.2250023901514E+00 0.20000000000000E+02
A9 56 0.200000000E+00 4
0.1013877063744E+06 0.1129596581980E-19 0.1950370962818E+00 0.7819166592751E+00
0.2250023901514E+00 0.20000000000000E+02
A9 57 0.200000000E+00 4
0.1013877063744E+06 0.4077662830463E-19 0.1950370961958E+00 0.7819166593726E+00
0.2250023901514E+00 0.20000000000000E+02
A9 58 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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	0.1013877063744E+06	0.2874283286990E-19	0.1950370962759E+00	0.7819166592818E+00
	0.2250023901514E+00	0.2000000000000E+02		
A9 59	0.20000000E+00	4		
	0.1013877063744E+06	0.1721706864098E-18	0.1950370962135E+00	0.7819166593526E+00
	0.2250023901514E+00	0.2000000000000E+02		
A9 60	0.20000000E+00	4		
	0.1013877063744E+06	0.1137191476842E-18	0.1950370959499E+00	0.7819166596517E+00
	0.2250023901514E+00	0.2000000000000E+02		
A9 61	0.20000000E+00	4		
	0.1013877063744E+06	0.2785973312142E-19	0.1950370956207E+00	0.7819166600252E+00
	0.2250023901514E+00	0.2000000000000E+02		
A9 62	0.20000000E+00	4		
	0.1013877063747E+06	0.1563829354775E-19	0.1950372020988E+00	0.7819165389558E+00
	0.2250023901515E+00	0.2000000000000E+02		
AA 1	0.20000000E+00	4		
	0.1013994056370E+06	0.1007372298523E-18	0.1950775010527E+00	0.7818747440978E+00
	0.2250023912274E+00	0.2000000000000E+02		
AA 2	0.20000000E+00	4		
	0.1013994055575E+06	0.7080086720347E-19	0.1950565726006E+00	0.7818986721575E+00
	0.2250023912190E+00	0.2000000000000E+02		
AA 3	0.20000000E+00	4		
	0.1013994055299E+06	0.8431276642645E-19	0.1950490177663E+00	0.7819072759135E+00
	0.2250023912157E+00	0.2000000000000E+02		
AA 4	0.20000000E+00	4		
	0.1013994055269E+06	0.7872771660054E-19	0.1950481464051E+00	0.7819082684019E+00
	0.2250023912153E+00	0.2000000000000E+02		
AA 5	0.20000000E+00	4		
	0.1013994055246E+06	0.9420293185421E-19	0.1950474965502E+00	0.7819090083429E+00
	0.2250023912151E+00	0.2000000000000E+02		
AA 6	0.20000000E+00	4		
	0.1013994055162E+06	0.1451987481715E-18	0.1950451493596E+00	0.7819116767912E+00
	0.2250023912140E+00	0.2000000000000E+02		
AA 7	0.20000000E+00	4		
	0.1013994055191E+06	0.3733555393309E-19	0.1950459901249E+00	0.7819107210176E+00
	0.2250023912144E+00	0.2000000000000E+02		
AA 8	0.20000000E+00	4		
	0.1013994055350E+06	0.1752959069849E-19	0.1950503986846E+00	0.7819057060667E+00
	0.2250023912163E+00	0.2000000000000E+02		
AA 9	0.20000000E+00	4		
	0.1013994055199E+06	0.5822019442519E-19	0.1950462157593E+00	0.7819104637371E+00
	0.2250023912145E+00	0.2000000000000E+02		
AA 10	0.20000000E+00	4		
	0.1013994055288E+06	0.2167412678474E-18	0.1950486677601E+00	0.7819076753624E+00
	0.2250023912156E+00	0.2000000000000E+02		
AA 11	0.20000000E+00	4		
	0.1013994055451E+06	0.9999428271259E-30	0.1950531046141E+00	0.7819026262657E+00
	0.2250023912175E+00	0.2000000000000E+02		
AA 12	0.20000000E+00	4		
	0.1013994055238E+06	0.2494771880870E-19	0.1950472206270E+00	0.7819093228058E+00
	0.2250023912149E+00	0.2000000000000E+02		
AA 13	0.20000000E+00	4		
	0.1013994055241E+06	0.3975438593101E-19	0.1950472857946E+00	0.7819092505615E+00
	0.2250023912150E+00	0.2000000000000E+02		
AA 14	0.20000000E+00	4		
	0.1013994055265E+06	0.1248179047426E-18	0.1950479087428E+00	0.7819085431670E+00
	0.2250023912153E+00	0.2000000000000E+02		
AA 15	0.20000000E+00	4		
	0.1013994055233E+06	0.5931126449906E-19	0.1950470060521E+00	0.7819095701295E+00
	0.2250023912149E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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AA 16      0.20000000E+00 4
0.1013994055204E+06 0.1410040525594E-18 0.1950462227014E+00 0.7819104612226E+00
0.2250023912145E+00 0.20000000000000E+02
AA 17      0.20000000E+00 4
0.1013994055265E+06 0.3100268415229E-19 0.1950478983449E+00 0.7819085557528E+00
0.2250023912153E+00 0.20000000000000E+02
AA 18      0.20000000E+00 4
0.1013994055279E+06 0.3402297397564E-19 0.1950482678537E+00 0.7819081353515E+00
0.2250023912154E+00 0.20000000000000E+02
AA 19      0.20000000E+00 4
0.1013994055217E+06 0.2582326912900E-19 0.1950465950031E+00 0.7819100377281E+00
0.2250023912147E+00 0.20000000000000E+02
AA 20      0.20000000E+00 4
0.1013994055306E+06 0.1374441256518E-19 0.1950490209898E+00 0.7819072776837E+00
0.2250023912158E+00 0.20000000000000E+02
AA 21      0.20000000E+00 4
0.1013994055279E+06 0.5754878354210E-19 0.1950483067925E+00 0.7819080898031E+00
0.2250023912154E+00 0.20000000000000E+02
AA 22      0.20000000E+00 4
0.1013994055270E+06 0.8660234363001E-19 0.1950480525937E+00 0.7819083795673E+00
0.2250023912153E+00 0.20000000000000E+02
AA 23      0.20000000E+00 4
0.1013994055274E+06 0.9223123951768E-19 0.1950481616253E+00 0.7819082556262E+00
0.2250023912154E+00 0.20000000000000E+02
AA 24      0.20000000E+00 4
0.1013994055276E+06 0.9543803571561E-19 0.1950482151338E+00 0.7819081947891E+00
0.2250023912154E+00 0.20000000000000E+02
AA 25      0.20000000E+00 4
0.1013994055273E+06 0.5757166242090E-19 0.1950481219475E+00 0.7819083007388E+00
0.2250023912154E+00 0.20000000000000E+02
AA 26      0.20000000E+00 4
0.1013994055276E+06 0.1519943792481E-18 0.1950482023018E+00 0.7819082091205E+00
0.2250023912154E+00 0.20000000000000E+02
AA 27      0.20000000E+00 4
0.1013994055270E+06 0.3534372831913E-19 0.1950480319321E+00 0.7819084031087E+00
0.2250023912153E+00 0.20000000000000E+02
AA 28      0.20000000E+00 4
0.1013994055274E+06 0.9679422776406E-19 0.1950481580609E+00 0.7819082594436E+00
0.2250023912154E+00 0.20000000000000E+02
AA 29      0.20000000E+00 4
0.1013994055276E+06 0.2524550650142E-19 0.1950482075088E+00 0.7819082034509E+00
0.2250023912154E+00 0.20000000000000E+02
AA 30      0.20000000E+00 4
0.1013994055277E+06 0.2739615394580E-19 0.1950482443403E+00 0.7819081615716E+00
0.2250023912154E+00 0.20000000000000E+02
AA 31      0.20000000E+00 4
0.1013994055274E+06 0.1840304820775E-19 0.1950481627218E+00 0.7819082543929E+00
0.2250023912154E+00 0.20000000000000E+02
AA 32      0.20000000E+00 4
0.1013994055272E+06 0.5722314244789E-19 0.1950481031128E+00 0.7819083224192E+00
0.2250023912154E+00 0.20000000000000E+02
AA 33      0.20000000E+00 4
0.1013994055275E+06 0.5806202328547E-19 0.1950481919506E+00 0.7819082211433E+00
0.2250023912154E+00 0.20000000000000E+02
AA 34      0.20000000E+00 4
0.1013994055281E+06 0.4058817098216E-19 0.1950483510193E+00 0.7819080400024E+00
0.2250023912155E+00 0.20000000000000E+02
AA 35      0.20000000E+00 4
0.1013994055275E+06 0.1522122487114E-19 0.1950481909735E+00 0.7819082222577E+00

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250023912154E+00 0.20000000000000E+02
AA 36 0.20000000E+00 4
0.1013994055271E+06 0.2522565095213E-19 0.1950480621143E+00 0.7819083690454E+00
0.2250023912153E+00 0.20000000000000E+02
AA 37 0.20000000E+00 4
0.1013994055275E+06 0.2077874586815E-19 0.1950481821900E+00 0.7819082322519E+00
0.2250023912154E+00 0.20000000000000E+02
AA 38 0.20000000E+00 4
0.1013994055275E+06 0.1484950770522E-19 0.1950481746214E+00 0.7819082408622E+00
0.2250023912154E+00 0.20000000000000E+02
AA 39 0.20000000E+00 4
0.1013994055275E+06 0.1984495760458E-22 0.1950481817398E+00 0.7819082327639E+00
0.2250023912154E+00 0.20000000000000E+02
AA 40 0.20000000E+00 4
0.1013994055275E+06 0.4995064409029E-19 0.1950481819582E+00 0.7819082325155E+00
0.2250023912154E+00 0.20000000000000E+02
AA 41 0.20000000E+00 4
0.1013994055275E+06 0.5374015400763E-19 0.1950481838728E+00 0.7819082305880E+00
0.2250023912154E+00 0.20000000000000E+02
AA 42 0.20000000E+00 4
0.1013994055275E+06 0.4031773762724E-19 0.1950481770008E+00 0.7819082384034E+00
0.2250023912154E+00 0.20000000000000E+02
AA 43 0.20000000E+00 4
0.1013994055276E+06 0.1035831445980E-18 0.1950482095259E+00 0.7819082011644E+00
0.2250023912154E+00 0.20000000000000E+02
AA 44 0.20000000E+00 4
0.1013994055275E+06 0.1402231105841E-19 0.1950481840738E+00 0.7819082303595E+00
0.2250023912154E+00 0.20000000000000E+02
AA 45 0.20000000E+00 4
0.1013994055275E+06 0.8000469943672E-20 0.1950481657744E+00 0.7819082511703E+00
0.2250023912154E+00 0.20000000000000E+02
AA 46 0.20000000E+00 4
0.1013994055276E+06 0.2045447184454E-19 0.1950482105910E+00 0.7819082002030E+00
0.2250023912154E+00 0.20000000000000E+02
AA 47 0.20000000E+00 4
0.1013994055275E+06 0.1911114969363E-19 0.1950481840812E+00 0.7819082303510E+00
0.2250023912154E+00 0.20000000000000E+02
AA 48 0.20000000E+00 4
0.1013994055275E+06 0.2447125707393E-19 0.1950481838561E+00 0.7819082306070E+00
0.2250023912154E+00 0.20000000000000E+02
AA 49 0.20000000E+00 4
0.1013994055275E+06 0.3936048989042E-19 0.1950481730429E+00 0.7819082429042E+00
0.2250023912154E+00 0.20000000000000E+02
AA 50 0.20000000E+00 4
0.1013994055276E+06 0.3461579837529E-19 0.1950481929882E+00 0.7819082202216E+00
0.2250023912154E+00 0.20000000000000E+02
AA 51 0.20000000E+00 4
0.1013994055275E+06 0.5260623236143E-19 0.1950481794692E+00 0.7819082355960E+00
0.2250023912154E+00 0.20000000000000E+02
AA 52 0.20000000E+00 4
0.1013994055275E+06 0.1138858797488E-19 0.1950481824438E+00 0.7819082322131E+00
0.2250023912154E+00 0.20000000000000E+02
AA 53 0.20000000E+00 4
0.1013994055275E+06 0.2562272172226E-19 0.1950481845711E+00 0.7819082297939E+00
0.2250023912154E+00 0.20000000000000E+02
AA 54 0.20000000E+00 4
0.1013994055275E+06 0.6494353931219E-19 0.1950481842380E+00 0.7819082301727E+00
0.2250023912154E+00 0.20000000000000E+02
AA 55 0.20000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(01a 9/29/2011, 8:35:26AM

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0.1013994055275E+06 0.1032317057842E-19 0.1950481838948E+00 0.7819082305630E+00
0.2250023912154E+00 0.2000000000000E+02
AA 56 0.20000000E+00 4
0.1013994055275E+06 0.1025041015096E-19 0.1950481839299E+00 0.7819082305231E+00
0.2250023912154E+00 0.2000000000000E+02
AA 57 0.20000000E+00 4
0.1013994055275E+06 0.3535032664291E-19 0.1950481838457E+00 0.7819082306188E+00
0.2250023912154E+00 0.2000000000000E+02
AA 58 0.20000000E+00 4
0.1013994055275E+06 0.2575480512053E-19 0.1950481839241E+00 0.7819082305297E+00
0.2250023912154E+00 0.2000000000000E+02
AA 59 0.20000000E+00 4
0.1013994055275E+06 0.1509178727056E-18 0.1950481838628E+00 0.7819082305993E+00
0.2250023912154E+00 0.2000000000000E+02
AA 60 0.20000000E+00 4
0.1013994055275E+06 0.9975781452951E-19 0.1950481836042E+00 0.7819082308935E+00
0.2250023912154E+00 0.2000000000000E+02
AA 61 0.20000000E+00 4
0.1013994055275E+06 0.2440778724533E-19 0.1950481832813E+00 0.7819082312606E+00
0.2250023912154E+00 0.2000000000000E+02
AA 62 0.20000000E+00 4
0.1013994055279E+06 0.1370406788291E-19 0.1950482877574E+00 0.7819081121913E+00
0.2250023912154E+00 0.2000000000000E+02
AB 1 0.20000000E+00 4
0.1014111061866E+06 0.9203529602019E-19 0.1950884393810E+00 0.7818664642907E+00
0.2250023922909E+00 0.2000000000000E+02
AB 2 0.20000000E+00 4
0.1014111060947E+06 0.6913242639074E-19 0.1950681143922E+00 0.7818897889573E+00
0.2250023922835E+00 0.2000000000000E+02
AB 3 0.20000000E+00 4
0.1014111060626E+06 0.7892617260697E-19 0.1950607675375E+00 0.7818981847731E+00
0.2250023922806E+00 0.2000000000000E+02
AB 4 0.20000000E+00 4
0.1014111060591E+06 0.7670277968780E-19 0.1950599199374E+00 0.7818991535055E+00
0.2250023922802E+00 0.2000000000000E+02
AB 5 0.20000000E+00 4
0.1014111060564E+06 0.8786710875105E-19 0.1950592877154E+00 0.7818998758171E+00
0.2250023922800E+00 0.2000000000000E+02
AB 6 0.20000000E+00 4
0.1014111060466E+06 0.1295362243426E-18 0.1950570038725E+00 0.7819024809322E+00
0.2250023922790E+00 0.2000000000000E+02
AB 7 0.20000000E+00 4
0.1014111060501E+06 0.3221365501175E-19 0.1950578221394E+00 0.7819015476518E+00
0.2250023922794E+00 0.2000000000000E+02
AB 8 0.20000000E+00 4
0.1014111060686E+06 0.1617963309775E-19 0.1950621111580E+00 0.7818966522168E+00
0.2250023922811E+00 0.2000000000000E+02
AB 9 0.20000000E+00 4
0.1014111060509E+06 0.5183436443943E-19 0.1950580419247E+00 0.7819012962188E+00
0.2250023922795E+00 0.2000000000000E+02
AB 10 0.20000000E+00 4
0.1014111060613E+06 0.1911041482616E-18 0.1950604266983E+00 0.7818985750571E+00
0.2250023922804E+00 0.2000000000000E+02
AB 11 0.20000000E+00 4
0.1014111060802E+06 0.9999428271259E-30 0.1950647419128E+00 0.7818936475750E+00
0.2250023922822E+00 0.2000000000000E+02
AB 12 0.20000000E+00 4
0.1014111060554E+06 0.2164561645695E-19 0.1950590184579E+00 0.7819001836164E+00
0.2250023922799E+00 0.2000000000000E+02

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl(11a 9/29/2011, 8:35:26AM

AB 13 0.20000000E+00 4  
0.1014111060558E+06 0.3495328517808E-19 0.1950590823620E+00 0.7819001126348E+00  
0.2250023922799E+00 0.20000000000000E+02

AB 14 0.20000000E+00 4  
0.1014111060586E+06 0.1102133622489E-18 0.1950596878897E+00 0.7818994226572E+00  
0.2250023922802E+00 0.20000000000000E+02

AB 15 0.20000000E+00 4  
0.1014111060549E+06 0.5460828391377E-19 0.1950588092991E+00 0.7819004255251E+00  
0.2250023922798E+00 0.20000000000000E+02

AB 16 0.20000000E+00 4  
0.1014111060515E+06 0.1205497369290E-18 0.1950580483006E+00 0.7819012942708E+00  
0.2250023922795E+00 0.20000000000000E+02

AB 17 0.20000000E+00 4  
0.1014111060587E+06 0.2782631313410E-19 0.1950596777356E+00 0.7818994349993E+00  
0.2250023922802E+00 0.20000000000000E+02

AB 18 0.20000000E+00 4  
0.1014111060602E+06 0.2995712287025E-19 0.1950600370658E+00 0.7818990247743E+00  
0.2250023922803E+00 0.20000000000000E+02

AB 19 0.20000000E+00 4  
0.1014111060530E+06 0.2287647128019E-19 0.1950584107289E+00 0.7819008806474E+00  
0.2250023922796E+00 0.20000000000000E+02

AB 20 0.20000000E+00 4  
0.1014111060634E+06 0.1283120664727E-19 0.1950607691922E+00 0.7818981881119E+00  
0.2250023922806E+00 0.20000000000000E+02

AB 21 0.20000000E+00 4  
0.1014111060603E+06 0.5409054745685E-19 0.1950600749963E+00 0.7818989802339E+00  
0.2250023922803E+00 0.20000000000000E+02

AB 22 0.20000000E+00 4  
0.1014111060592E+06 0.7459830584957E-19 0.1950598279050E+00 0.7818992628922E+00  
0.2250023922802E+00 0.20000000000000E+02

AB 23 0.20000000E+00 4  
0.1014111060597E+06 0.7835037436695E-19 0.1950599338195E+00 0.7818991420675E+00  
0.2250023922803E+00 0.20000000000000E+02

AB 24 0.20000000E+00 4  
0.1014111060599E+06 0.8294951263745E-19 0.1950599858318E+00 0.7818990827263E+00  
0.2250023922803E+00 0.20000000000000E+02

AB 25 0.20000000E+00 4  
0.1014111060595E+06 0.5018659999330E-19 0.1950598952477E+00 0.7818991860744E+00  
0.2250023922802E+00 0.20000000000000E+02

AB 26 0.20000000E+00 4  
0.1014111060599E+06 0.1342400994627E-18 0.1950599733849E+00 0.7818990966727E+00  
0.2250023922803E+00 0.20000000000000E+02

AB 27 0.20000000E+00 4  
0.1014111060592E+06 0.3188280676293E-19 0.1950598076528E+00 0.7818992860243E+00  
0.2250023922802E+00 0.20000000000000E+02

AB 28 0.20000000E+00 4  
0.1014111060597E+06 0.8406586238780E-19 0.1950599303048E+00 0.7818991458353E+00  
0.2250023922803E+00 0.20000000000000E+02

AB 29 0.20000000E+00 4  
0.1014111060599E+06 0.2180443744350E-19 0.1950599784452E+00 0.7818990911498E+00  
0.2250023922803E+00 0.20000000000000E+02

AB 30 0.20000000E+00 4  
0.1014111060601E+06 0.2319408047857E-19 0.1950600142560E+00 0.7818990502910E+00  
0.2250023922803E+00 0.20000000000000E+02

AB 31 0.20000000E+00 4  
0.1014111060597E+06 0.1551784705851E-19 0.1950599348411E+00 0.7818991409091E+00  
0.2250023922803E+00 0.20000000000000E+02

AB 32 0.20000000E+00 4  
0.1014111060595E+06 0.5016676101411E-19 0.1950598768856E+00 0.7818992072822E+00

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250023922802E+00 0.20000000000000E+02
AB 33      0.200000000E+00 4
0.1014111060598E+06 0.5064277156755E-19 0.1950599633112E+00 0.7818991084180E+00
0.2250023922803E+00 0.20000000000000E+02
AB 34      0.200000000E+00 4
0.1014111060605E+06 0.3696161719101E-19 0.1950601180362E+00 0.7818989316200E+00
0.2250023922803E+00 0.20000000000000E+02
AB 35      0.200000000E+00 4
0.1014111060598E+06 0.1273556082328E-19 0.1950599623501E+00 0.7818991095164E+00
0.2250023922803E+00 0.20000000000000E+02
AB 36      0.200000000E+00 4
0.1014111060593E+06 0.2148679712655E-19 0.1950598369876E+00 0.7818992528082E+00
0.2250023922802E+00 0.20000000000000E+02
AB 37      0.200000000E+00 4
0.1014111060598E+06 0.1864131285747E-19 0.1950599537864E+00 0.7818991192909E+00
0.2250023922803E+00 0.20000000000000E+02
AB 38      0.200000000E+00 4
0.1014111060598E+06 0.1240105538688E-19 0.1950599464125E+00 0.7818991277065E+00
0.2250023922803E+00 0.20000000000000E+02
AB 39      0.200000000E+00 4
0.1014111060598E+06 0.9999428271259E-30 0.1950599533484E+00 0.7818991197907E+00
0.2250023922803E+00 0.20000000000000E+02
AB 40      0.200000000E+00 4
0.1014111060598E+06 0.4360685586241E-19 0.1950599535609E+00 0.7818991195482E+00
0.2250023922803E+00 0.20000000000000E+02
AB 41      0.200000000E+00 4
0.1014111060598E+06 0.4574628678344E-19 0.1950599554249E+00 0.7818991176713E+00
0.2250023922803E+00 0.20000000000000E+02
AB 42      0.200000000E+00 4
0.1014111060598E+06 0.3521808898506E-19 0.1950599487377E+00 0.7818991253020E+00
0.2250023922803E+00 0.20000000000000E+02
AB 43      0.200000000E+00 4
0.1014111060599E+06 0.8803829700243E-19 0.1950599803830E+00 0.7818990889425E+00
0.2250023922803E+00 0.20000000000000E+02
AB 44      0.200000000E+00 4
0.1014111060598E+06 0.1132239747183E-19 0.1950599556202E+00 0.7818991174485E+00
0.2250023922803E+00 0.20000000000000E+02
AB 45      0.200000000E+00 4
0.1014111060598E+06 0.6418901791673E-20 0.1950599378152E+00 0.7818991377650E+00
0.2250023922803E+00 0.20000000000000E+02
AB 46      0.200000000E+00 4
0.1014111060599E+06 0.1726486641806E-19 0.1950599814203E+00 0.7818990880090E+00
0.2250023922803E+00 0.20000000000000E+02
AB 47      0.200000000E+00 4
0.1014111060598E+06 0.1678842799302E-19 0.1950599556276E+00 0.7818991174400E+00
0.2250023922803E+00 0.20000000000000E+02
AB 48      0.200000000E+00 4
0.1014111060598E+06 0.2042800075083E-19 0.1950599554086E+00 0.7818991176899E+00
0.2250023922803E+00 0.20000000000000E+02
AB 49      0.200000000E+00 4
0.1014111060598E+06 0.3398712830621E-19 0.1950599448877E+00 0.7818991296949E+00
0.2250023922803E+00 0.20000000000000E+02
AB 50      0.200000000E+00 4
0.1014111060599E+06 0.3020196553755E-19 0.1950599642938E+00 0.7818991075513E+00
0.2250023922803E+00 0.20000000000000E+02
AB 51      0.200000000E+00 4
0.1014111060598E+06 0.4462853076643E-19 0.1950599511402E+00 0.7818991225604E+00
0.2250023922803E+00 0.20000000000000E+02
AB 52      0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
 11a 9/29/2011, 8:35:26AM

	0.1014111060598E+06	0.9595262914922E-20	0.1950599540346E+00	0.7818991192577E+00
	0.2250023922803E+00	0.2000000000000E+02		
AB 53	0.20000000E+00	4		
	0.1014111060598E+06	0.2342573119978E-19	0.1950599561042E+00	0.7818991168962E+00
	0.2250023922803E+00	0.2000000000000E+02		
AB 54	0.20000000E+00	4		
	0.1014111060598E+06	0.5659294091127E-19	0.1950599557801E+00	0.7818991172660E+00
	0.2250023922803E+00	0.2000000000000E+02		
AB 55	0.20000000E+00	4		
	0.1014111060598E+06	0.8410732614739E-20	0.1950599554462E+00	0.7818991176470E+00
	0.2250023922803E+00	0.2000000000000E+02		
AB 56	0.20000000E+00	4		
	0.1014111060598E+06	0.9297498725289E-20	0.1950599554803E+00	0.7818991176081E+00
	0.2250023922803E+00	0.2000000000000E+02		
AB 57	0.20000000E+00	4		
	0.1014111060598E+06	0.3042695075212E-19	0.1950599553986E+00	0.7818991177013E+00
	0.2250023922803E+00	0.2000000000000E+02		
AB 58	0.20000000E+00	4		
	0.1014111060598E+06	0.2302714339778E-19	0.1950599554746E+00	0.7818991176145E+00
	0.2250023922803E+00	0.2000000000000E+02		
AB 59	0.20000000E+00	4		
	0.1014111060598E+06	0.1316046853441E-18	0.1950599554151E+00	0.7818991176825E+00
	0.2250023922803E+00	0.2000000000000E+02		
AB 60	0.20000000E+00	4		
	0.1014111060598E+06	0.8714497234709E-19	0.1950599551635E+00	0.7818991179696E+00
	0.2250023922803E+00	0.2000000000000E+02		
AB 61	0.20000000E+00	4		
	0.1014111060598E+06	0.2131475575411E-19	0.1950599548494E+00	0.7818991183280E+00
	0.2250023922803E+00	0.2000000000000E+02		
AB 62	0.20000000E+00	4		
	0.1014111060602E+06	0.1192469220591E-19	0.1950600565111E+00	0.7818990020724E+00
	0.2250023922803E+00	0.2000000000000E+02		
AC 1	0.20000000E+00	4		
	0.1014228081150E+06	0.8432597906524E-19	0.1950996233560E+00	0.7818579386373E+00
	0.2250023933549E+00	0.2000000000000E+02		
AC 2	0.20000000E+00	4		
	0.1014228080117E+06	0.6753762308480E-19	0.1950799864551E+00	0.7818805752317E+00
	0.2250023933485E+00	0.2000000000000E+02		
AC 3	0.20000000E+00	4		
	0.1014228079755E+06	0.7423441057430E-19	0.1950728821409E+00	0.7818887285180E+00
	0.2250023933459E+00	0.2000000000000E+02		
AC 4	0.20000000E+00	4		
	0.1014228079715E+06	0.7486974871426E-19	0.1950720624453E+00	0.7818896693472E+00
	0.2250023933456E+00	0.2000000000000E+02		
AC 5	0.20000000E+00	4		
	0.1014228079685E+06	0.8208263197175E-19	0.1950714509598E+00	0.7818903709233E+00
	0.2250023933454E+00	0.2000000000000E+02		
AC 6	0.20000000E+00	4		
	0.1014228079573E+06	0.1152975773055E-18	0.1950692418136E+00	0.7818929013459E+00
	0.2250023933446E+00	0.2000000000000E+02		
AC 7	0.20000000E+00	4		
	0.1014228079613E+06	0.2762115173542E-19	0.1950700335103E+00	0.7818919946340E+00
	0.2250023933449E+00	0.2000000000000E+02		
AC 8	0.20000000E+00	4		
	0.1014228079822E+06	0.1492893717213E-19	0.1950741820261E+00	0.7818872396952E+00
	0.2250023933464E+00	0.2000000000000E+02		
AC 9	0.20000000E+00	4		
	0.1014228079622E+06	0.4610366137235E-19	0.1950702463866E+00	0.7818917501096E+00
	0.2250023933450E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl(11a 9/29/2011, 8:35:26AM

AC 10 0.20000000E+00 4  
0.1014228079740E+06 0.1680483148369E-18 0.1950725520770E+00 0.7818891080274E+00  
0.2250023933458E+00 0.20000000000000E+02  
AC 11 0.20000000E+00 4  
0.1014228079954E+06 0.9999428271259E-30 0.1950767249928E+00 0.7818843228364E+00  
0.2250023933473E+00 0.20000000000000E+02  
AC 12 0.20000000E+00 4  
0.1014228079673E+06 0.1875379570076E-19 0.1950711895798E+00 0.7818906708459E+00  
0.2250023933453E+00 0.20000000000000E+02  
AC 13 0.20000000E+00 4  
0.1014228079678E+06 0.3063209643310E-19 0.1950712519757E+00 0.7818906013719E+00  
0.2250023933454E+00 0.20000000000000E+02  
AC 14 0.20000000E+00 4  
0.1014228079709E+06 0.9710421248753E-19 0.1950718370290E+00 0.7818899318676E+00  
0.2250023933456E+00 0.20000000000000E+02  
AC 15 0.20000000E+00 4  
0.1014228079667E+06 0.5033885300784E-19 0.1950709868125E+00 0.7818909063632E+00  
0.2250023933453E+00 0.20000000000000E+02  
AC 16 0.20000000E+00 4  
0.1014228079629E+06 0.1022458963177E-18 0.1950702521095E+00 0.7818917488147E+00  
0.2250023933450E+00 0.20000000000000E+02  
AC 17 0.20000000E+00 4  
0.1014228079710E+06 0.2490140508175E-19 0.1950718271630E+00 0.7818899439216E+00  
0.2250023933456E+00 0.20000000000000E+02  
AC 18 0.20000000E+00 4  
0.1014228079727E+06 0.2619841650298E-19 0.1950721745344E+00 0.7818895456548E+00  
0.2250023933457E+00 0.20000000000000E+02  
AC 19 0.20000000E+00 4  
0.1014228079646E+06 0.2028905197295E-19 0.1950706028899E+00 0.7818913468384E+00  
0.2250023933451E+00 0.20000000000000E+02  
AC 20 0.20000000E+00 4  
0.1014228079763E+06 0.1203711465769E-19 0.1950728820087E+00 0.7818887336432E+00  
0.2250023933460E+00 0.20000000000000E+02  
AC 21 0.20000000E+00 4  
0.1014228079728E+06 0.5098075832494E-19 0.1950722112785E+00 0.7818895023009E+00  
0.2250023933457E+00 0.20000000000000E+02  
AC 22 0.20000000E+00 4  
0.1014228079716E+06 0.6383173025617E-19 0.1950719725324E+00 0.7818897766143E+00  
0.2250023933456E+00 0.20000000000000E+02  
AC 23 0.20000000E+00 4  
0.1014228079722E+06 0.6586326389633E-19 0.1950720747890E+00 0.7818896594473E+00  
0.2250023933457E+00 0.20000000000000E+02  
AC 24 0.20000000E+00 4  
0.1014228079724E+06 0.7171309891219E-19 0.1950721250444E+00 0.7818896018629E+00  
0.2250023933457E+00 0.20000000000000E+02  
AC 25 0.20000000E+00 4  
0.1014228079720E+06 0.4357577844247E-19 0.1950720375158E+00 0.7818897021556E+00  
0.2250023933457E+00 0.20000000000000E+02  
AC 26 0.20000000E+00 4  
0.1014228079723E+06 0.1182535386900E-18 0.1950721130488E+00 0.7818896153581E+00  
0.2250023933457E+00 0.20000000000000E+02  
AC 27 0.20000000E+00 4  
0.1014228079715E+06 0.2884540173024E-19 0.1950719527673E+00 0.7818897992594E+00  
0.2250023933456E+00 0.20000000000000E+02  
AC 28 0.20000000E+00 4  
0.1014228079721E+06 0.7255352022549E-19 0.1950720713343E+00 0.7818896631550E+00  
0.2250023933457E+00 0.20000000000000E+02  
AC 29 0.20000000E+00 4  
0.1014228079724E+06 0.1873394534075E-19 0.1950721179367E+00 0.7818896100074E+00

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250023933457E+00 0.20000000000000E+02
AC 30 0.200000000E+00 4
0.1014228079726E+06 0.1947508054784E-19 0.1950721525487E+00 0.7818895703474E+00
0.2250023933457E+00 0.20000000000000E+02
AC 31 0.200000000E+00 4
0.1014228079722E+06 0.1309586701179E-19 0.1950720757242E+00 0.7818896583753E+00
0.2250023933457E+00 0.20000000000000E+02
AC 32 0.200000000E+00 4
0.1014228079719E+06 0.4376769595362E-19 0.1950720197109E+00 0.7818897228063E+00
0.2250023933457E+00 0.20000000000000E+02
AC 33 0.200000000E+00 4
0.1014228079723E+06 0.4392651320359E-19 0.1950721033012E+00 0.7818896267773E+00
0.2250023933457E+00 0.20000000000000E+02
AC 34 0.200000000E+00 4
0.1014228079730E+06 0.3369479315601E-19 0.1950722529228E+00 0.7818894550823E+00
0.2250023933457E+00 0.20000000000000E+02
AC 35 0.200000000E+00 4
0.1014228079723E+06 0.1044891731958E-19 0.1950721023593E+00 0.7818896278564E+00
0.2250023933457E+00 0.20000000000000E+02
AC 36 0.200000000E+00 4
0.1014228079717E+06 0.1810528526685E-19 0.1950719811069E+00 0.7818897670384E+00
0.2250023933456E+00 0.20000000000000E+02
AC 37 0.200000000E+00 4
0.1014228079723E+06 0.1671563808062E-19 0.1950720940547E+00 0.7818896373718E+00
0.2250023933457E+00 0.20000000000000E+02
AC 38 0.200000000E+00 4
0.1014228079722E+06 0.1019744849112E-19 0.1950720869101E+00 0.7818896455582E+00
0.2250023933457E+00 0.20000000000000E+02
AC 39 0.200000000E+00 4
0.1014228079723E+06 0.9999428271259E-30 0.1950720936309E+00 0.7818896378575E+00
0.2250023933457E+00 0.20000000000000E+02
AC 40 0.200000000E+00 4
0.1014228079723E+06 0.3786671077217E-19 0.1950720938366E+00 0.7818896376217E+00
0.2250023933457E+00 0.20000000000000E+02
AC 41 0.200000000E+00 4
0.1014228079723E+06 0.3867886169693E-19 0.1950720956411E+00 0.7818896358043E+00
0.2250023933457E+00 0.20000000000000E+02
AC 42 0.200000000E+00 4
0.1014228079723E+06 0.3059900800978E-19 0.1950720891710E+00 0.7818896432179E+00
0.2250023933457E+00 0.20000000000000E+02
AC 43 0.200000000E+00 4
0.1014228079724E+06 0.7401594003518E-19 0.1950721197823E+00 0.7818896078925E+00
0.2250023933457E+00 0.20000000000000E+02
AC 44 0.200000000E+00 4
0.1014228079723E+06 0.9072470238480E-20 0.1950720958296E+00 0.7818896355884E+00
0.2250023933457E+00 0.20000000000000E+02
AC 45 0.200000000E+00 4
0.1014228079722E+06 0.5022621992292E-20 0.1950720786058E+00 0.7818896553237E+00
0.2250023933457E+00 0.20000000000000E+02
AC 46 0.200000000E+00 4
0.1014228079724E+06 0.1447892510801E-19 0.1950721207868E+00 0.7818896069917E+00
0.2250023933457E+00 0.20000000000000E+02
AC 47 0.200000000E+00 4
0.1014228079723E+06 0.1459805520661E-19 0.1950720958370E+00 0.7818896355798E+00
0.2250023933457E+00 0.20000000000000E+02
AC 48 0.200000000E+00 4
0.1014228079723E+06 0.1678840857903E-19 0.1950720956252E+00 0.7818896358225E+00
0.2250023933457E+00 0.20000000000000E+02
AC 49 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

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0.2250023933457E+00	0.2000000000000E+02		
AC 50	0.20000000E+00 4		
0.1014228079723E+06	0.2627120608816E-19	0.1950721042202E+00	0.7818896259741E+00
0.2250023933457E+00	0.2000000000000E+02		
AC 51	0.20000000E+00 4		
0.1014228079723E+06	0.3749434911952E-19	0.1950720914960E+00	0.7818896405538E+00
0.2250023933457E+00	0.2000000000000E+02		
AC 52	0.20000000E+00 4		
0.1014228079723E+06	0.8066635567505E-20	0.1950720942962E+00	0.7818896373454E+00
0.2250023933457E+00	0.2000000000000E+02		
AC 53	0.20000000E+00 4		
0.1014228079723E+06	0.2135447215862E-19	0.1950720962980E+00	0.7818896350517E+00
0.2250023933457E+00	0.2000000000000E+02		
AC 54	0.20000000E+00 4		
0.1014228079723E+06	0.4905776655338E-19	0.1950720959845E+00	0.7818896354108E+00
0.2250023933457E+00	0.2000000000000E+02		
AC 55	0.20000000E+00 4		
0.1014228079723E+06	0.6835784086069E-20	0.1950720956615E+00	0.7818896357809E+00
0.2250023933457E+00	0.2000000000000E+02		
AC 56	0.20000000E+00 4		
0.1014228079723E+06	0.8417379202354E-20	0.1950720956944E+00	0.7818896357432E+00
0.2250023933457E+00	0.2000000000000E+02		
AC 57	0.20000000E+00 4		
0.1014228079723E+06	0.2601311803677E-19	0.1950720956157E+00	0.7818896358334E+00
0.2250023933457E+00	0.2000000000000E+02		
AC 58	0.20000000E+00 4		
0.1014228079723E+06	0.2044988859342E-19	0.1950720956890E+00	0.7818896357495E+00
0.2250023933457E+00	0.2000000000000E+02		
AC 59	0.20000000E+00 4		
0.1014228079723E+06	0.1141113261992E-18	0.1950720956313E+00	0.7818896358155E+00
0.2250023933457E+00	0.2000000000000E+02		
AC 60	0.20000000E+00 4		
0.1014228079723E+06	0.7575635753253E-19	0.1950720953880E+00	0.7818896360943E+00
0.2250023933457E+00	0.2000000000000E+02		
AC 61	0.20000000E+00 4		
0.1014228079723E+06	0.1846263866250E-19	0.1950720950843E+00	0.7818896364423E+00
0.2250023933457E+00	0.2000000000000E+02		
AC 62	0.20000000E+00 4		
0.1014228079728E+06	0.1031644941355E-19	0.1950721934378E+00	0.7818895234948E+00
0.2250023933457E+00	0.2000000000000E+02		
AD 1	0.20000000E+00 4		
0.1014345114226E+06	0.7727509803169E-19	0.1951109343489E+00	0.7818492856996E+00
0.2250023944191E+00	0.2000000000000E+02		
AD 2	0.20000000E+00 4		
0.1014345113090E+06	0.6615457803477E-19	0.1950920348656E+00	0.7818711848746E+00
0.2250023944138E+00	0.2000000000000E+02		
AD 3	0.20000000E+00 4		
0.1014345112691E+06	0.7022424550578E-19	0.1950851936933E+00	0.7818790750200E+00
0.2250023944117E+00	0.2000000000000E+02		
AD 4	0.20000000E+00 4		
0.1014345112646E+06	0.7318230156183E-19	0.1950844043884E+00	0.7818799854587E+00
0.2250023944114E+00	0.2000000000000E+02		
AD 5	0.20000000E+00 4		
0.1014345112613E+06	0.7688974578202E-19	0.1950838155033E+00	0.7818806644343E+00
0.2250023944112E+00	0.2000000000000E+02		
AD 6	0.20000000E+00 4		
0.1014345112490E+06	0.1025834619720E-18	0.1950816878866E+00	0.7818831133281E+00
0.2250023944105E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

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AD 7      0.20000000E+00 4
0.1014345112534E+06 0.2354480914001E-19 0.1950824505591E+00 0.7818822356400E+00
0.2250023944108E+00 0.20000000000000E+02
AD 8      0.20000000E+00 4
0.1014345112765E+06 0.1385691228216E-19 0.1950864459884E+00 0.7818776337875E+00
0.2250023944121E+00 0.20000000000000E+02
AD 9      0.20000000E+00 4
0.1014345112544E+06 0.4104132031992E-19 0.1950826558883E+00 0.7818819986627E+00
0.2250023944108E+00 0.20000000000000E+02
AD 10     0.20000000E+00 4
0.1014345112674E+06 0.1473900656780E-18 0.1950848753687E+00 0.7818794427903E+00
0.2250023944116E+00 0.20000000000000E+02
AD 11     0.20000000E+00 4
0.1014345112910E+06 0.9999428271259E-30 0.1950888936345E+00 0.7818748122478E+00
0.2250023944128E+00 0.20000000000000E+02
AD 12     0.20000000E+00 4
0.1014345112601E+06 0.1618622974521E-19 0.1950835627280E+00 0.7818809557527E+00
0.2250023944111E+00 0.20000000000000E+02
AD 13     0.20000000E+00 4
0.1014345112605E+06 0.2680721601792E-19 0.1950836234694E+00 0.7818808879327E+00
0.2250023944112E+00 0.20000000000000E+02
AD 14     0.20000000E+00 4
0.1014345112640E+06 0.8544428330842E-19 0.1950841862123E+00 0.7818802407385E+00
0.2250023944114E+00 0.20000000000000E+02
AD 15     0.20000000E+00 4
0.1014345112594E+06 0.4648750240185E-19 0.1950833669379E+00 0.7818811842925E+00
0.2250023944111E+00 0.20000000000000E+02
AD 16     0.20000000E+00 4
0.1014345112551E+06 0.8586111480673E-19 0.1950826609053E+00 0.7818819980738E+00
0.2250023944109E+00 0.20000000000000E+02
AD 17     0.20000000E+00 4
0.1014345112641E+06 0.2230736934644E-19 0.1950841766610E+00 0.7818802524779E+00
0.2250023944114E+00 0.20000000000000E+02
AD 18     0.20000000E+00 4
0.1014345112660E+06 0.2293601852741E-19 0.1950845110043E+00 0.7818798672391E+00
0.2250023944115E+00 0.20000000000000E+02
AD 19     0.20000000E+00 4
0.1014345112570E+06 0.1793986071302E-19 0.1950829989702E+00 0.7818816088128E+00
0.2250023944110E+00 0.20000000000000E+02
AD 20     0.20000000E+00 4
0.1014345112700E+06 0.1138198902158E-19 0.1950851916408E+00 0.7818790820651E+00
0.2250023944117E+00 0.20000000000000E+02
AD 21     0.20000000E+00 4
0.1014345112661E+06 0.4814187615754E-19 0.1950845464552E+00 0.7818798251785E+00
0.2250023944115E+00 0.20000000000000E+02
AD 22     0.20000000E+00 4
0.1014345112648E+06 0.5428276447971E-19 0.1950843167977E+00 0.7818800904033E+00
0.2250023944114E+00 0.20000000000000E+02
AD 23     0.20000000E+00 4
0.1014345112654E+06 0.5473272970911E-19 0.1950844150714E+00 0.7818799772191E+00
0.2250023944114E+00 0.20000000000000E+02
AD 24     0.20000000E+00 4
0.1014345112657E+06 0.6168106022681E-19 0.1950844634135E+00 0.7818799215480E+00
0.2250023944115E+00 0.20000000000000E+02
AD 25     0.20000000E+00 4
0.1014345112652E+06 0.3770611049824E-19 0.1950843792128E+00 0.7818800185129E+00
0.2250023944114E+00 0.20000000000000E+02
AD 26     0.20000000E+00 4
0.1014345112656E+06 0.1037944307826E-18 0.1950844519089E+00 0.7818799345523E+00
  
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# TMVOC Initial Conditions (INCON) File

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0.2250023944115E+00 0.20000000000000E+02
AD 27 0.20000000E+00 4
0.1014345112647E+06 0.2601313755320E-19 0.1950842975661E+00 0.7818801125148E+00
0.2250023944114E+00 0.20000000000000E+02
AD 28 0.20000000E+00 4
0.1014345112654E+06 0.6219722574949E-19 0.1950844116831E+00 0.7818799808605E+00
0.2250023944114E+00 0.20000000000000E+02
AD 29 0.20000000E+00 4
0.1014345112656E+06 0.1594138585746E-19 0.1950844566092E+00 0.7818799293892E+00
0.2250023944115E+00 0.20000000000000E+02
AD 30 0.20000000E+00 4
0.1014345112658E+06 0.1619283208068E-19 0.1950844899154E+00 0.7818798910349E+00
0.2250023944115E+00 0.20000000000000E+02
AD 31 0.20000000E+00 4
0.1014345112654E+06 0.1109740355747E-19 0.1950844159134E+00 0.7818799762404E+00
0.2250023944114E+00 0.20000000000000E+02
AD 32 0.20000000E+00 4
0.1014345112651E+06 0.3805684515046E-19 0.1950843620156E+00 0.7818800385559E+00
0.2250023944114E+00 0.20000000000000E+02
AD 33 0.20000000E+00 4
0.1014345112656E+06 0.3786493771810E-19 0.1950844425167E+00 0.7818799456160E+00
0.2250023944115E+00 0.20000000000000E+02
AD 34 0.20000000E+00 4
0.1014345112664E+06 0.3067202199711E-19 0.1950845865790E+00 0.7818797794803E+00
0.2250023944115E+00 0.20000000000000E+02
AD 35 0.20000000E+00 4
0.1014345112655E+06 0.8470302592588E-20 0.1950844415959E+00 0.7818799466740E+00
0.2250023944115E+00 0.20000000000000E+02
AD 36 0.20000000E+00 4
0.1014345112649E+06 0.1506788046027E-19 0.1950843248218E+00 0.7818800813777E+00
0.2250023944114E+00 0.20000000000000E+02
AD 37 0.20000000E+00 4
0.1014345112655E+06 0.1514068782270E-19 0.1950844335739E+00 0.7818799559068E+00
0.2250023944114E+00 0.20000000000000E+02
AD 38 0.20000000E+00 4
0.1014345112655E+06 0.8278391758595E-20 0.1950844266792E+00 0.7818799638433E+00
0.2250023944114E+00 0.20000000000000E+02
AD 39 0.20000000E+00 4
0.1014345112655E+06 0.9999428271259E-30 0.1950844331656E+00 0.7818799563770E+00
0.2250023944114E+00 0.20000000000000E+02
AD 40 0.20000000E+00 4
0.1014345112655E+06 0.3267212561031E-19 0.1950844333639E+00 0.7818799561487E+00
0.2250023944114E+00 0.20000000000000E+02
AD 41 0.20000000E+00 4
0.1014345112655E+06 0.3236582512918E-19 0.1950844351035E+00 0.7818799543962E+00
0.2250023944115E+00 0.20000000000000E+02
AD 42 0.20000000E+00 4
0.1014345112655E+06 0.2648295988979E-19 0.1950844288701E+00 0.7818799615730E+00
0.2250023944114E+00 0.20000000000000E+02
AD 43 0.20000000E+00 4
0.1014345112657E+06 0.6151559548014E-19 0.1950844583546E+00 0.7818799273744E+00
0.2250023944115E+00 0.20000000000000E+02
AD 44 0.20000000E+00 4
0.1014345112655E+06 0.7153415368876E-20 0.1950844352846E+00 0.7818799541876E+00
0.2250023944115E+00 0.20000000000000E+02
AD 45 0.20000000E+00 4
0.1014345112654E+06 0.3831482992405E-20 0.1950844186941E+00 0.7818799732896E+00
0.2250023944114E+00 0.20000000000000E+02
AD 46 0.20000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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0.1014345112657E+06	0.1201723867305E-19	0.1950844593234E+00	0.7818799265093E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 47	0.20000000E+00 4		
0.1014345112655E+06	0.1266576275833E-19	0.1950844352921E+00	0.7818799541790E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 48	0.20000000E+00 4		
0.1014345112655E+06	0.1355909795684E-19	0.1950844350881E+00	0.7818799544139E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 49	0.20000000E+00 4		
0.1014345112655E+06	0.2501387979556E-19	0.1950844252850E+00	0.7818799657011E+00
0.2250023944114E+00	0.2000000000000E+02		
AD 50	0.20000000E+00 4		
0.1014345112656E+06	0.2273749338983E-19	0.1950844433669E+00	0.7818799448817E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 51	0.20000000E+00 4		
0.1014345112655E+06	0.3102249241573E-19	0.1950844311106E+00	0.7818799589935E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 52	0.20000000E+00 4		
0.1014345112655E+06	0.6657122251644E-20	0.1950844338081E+00	0.7818799558877E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 53	0.20000000E+00 4		
0.1014345112655E+06	0.1945526670976E-19	0.1950844357360E+00	0.7818799536679E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 54	0.20000000E+00 4		
0.1014345112655E+06	0.4218612706432E-19	0.1950844354341E+00	0.7818799540154E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 55	0.20000000E+00 4		
0.1014345112655E+06	0.5432889119355E-20	0.1950844351230E+00	0.7818799543737E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 56	0.20000000E+00 4		
0.1014345112655E+06	0.7715930685602E-20	0.1950844351546E+00	0.7818799543372E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 57	0.20000000E+00 4		
0.1014345112655E+06	0.2207574127994E-19	0.1950844350791E+00	0.7818799544243E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 58	0.20000000E+00 4		
0.1014345112655E+06	0.1821143835907E-19	0.1950844351493E+00	0.7818799543433E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 59	0.20000000E+00 4		
0.1014345112655E+06	0.9843428601526E-19	0.1950844350938E+00	0.7818799544072E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 60	0.20000000E+00 4		
0.1014345112655E+06	0.6575078871154E-19	0.1950844348595E+00	0.7818799546771E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 61	0.20000000E+00 4		
0.1014345112655E+06	0.1580904488779E-19	0.1950844345671E+00	0.7818799550138E+00
0.2250023944115E+00	0.2000000000000E+02		
AD 62	0.20000000E+00 4		
0.1014345112661E+06	0.8854122507207E-20	0.1950845293161E+00	0.7818798456707E+00
0.2250023944115E+00	0.2000000000000E+02		
AE 1	0.20000000E+00 4		
0.1014462161097E+06	0.7103454395217E-19	0.1951223115079E+00	0.7818405663073E+00
0.2250023954835E+00	0.2000000000000E+02		
AE 2	0.20000000E+00 4		
0.1014462159870E+06	0.6502961335954E-19	0.1951041779380E+00	0.7818616995614E+00
0.2250023954794E+00	0.2000000000000E+02		
AE 3	0.20000000E+00 4		
0.1014462159438E+06	0.6677656342294E-19	0.1950976120720E+00	0.7818693143981E+00
0.2250023954777E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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AE 4      0.20000000E+00 4
0.1014462159390E+06 0.7172646499404E-19 0.1950968546349E+00 0.7818701929687E+00
0.2250023954775E+00 0.20000000000000E+02
AE 5      0.20000000E+00 4
0.1014462159354E+06 0.7206060596559E-19 0.1950962894590E+00 0.7818708482346E+00
0.2250023954773E+00 0.20000000000000E+02
AE 6      0.20000000E+00 4
0.1014462159220E+06 0.9120808225426E-19 0.1950942474458E+00 0.7818732115243E+00
0.2250023954767E+00 0.20000000000000E+02
AE 7      0.20000000E+00 4
0.1014462159268E+06 0.2000778827174E-19 0.1950949796295E+00 0.7818723643253E+00
0.2250023954770E+00 0.20000000000000E+02
AE 8      0.20000000E+00 4
0.1014462159518E+06 0.1287753162502E-19 0.1950988144906E+00 0.7818679230430E+00
0.2250023954780E+00 0.20000000000000E+02
AE 9      0.20000000E+00 4
0.1014462159279E+06 0.3667381106874E-19 0.1950951770312E+00 0.7818721352755E+00
0.2250023954770E+00 0.20000000000000E+02
AE 10     0.20000000E+00 4
0.1014462159420E+06 0.1290630657063E-18 0.1950973060588E+00 0.7818696698569E+00
0.2250023954776E+00 0.20000000000000E+02
AE 11     0.20000000E+00 4
0.1014462159676E+06 0.9999428271259E-30 0.1951011623606E+00 0.7818652012793E+00
0.2250023954786E+00 0.20000000000000E+02
AE 12     0.20000000E+00 4
0.1014462159341E+06 0.1403887160968E-19 0.1950960457208E+00 0.7818711305162E+00
0.2250023954773E+00 0.20000000000000E+02
AE 13     0.20000000E+00 4
0.1014462159346E+06 0.2344555669108E-19 0.1950961047207E+00 0.7818710644373E+00
0.2250023954773E+00 0.20000000000000E+02
AE 14     0.20000000E+00 4
0.1014462159384E+06 0.7516078281077E-19 0.1950966440604E+00 0.7818704406465E+00
0.2250023954774E+00 0.20000000000000E+02
AE 15     0.20000000E+00 4
0.1014462159333E+06 0.4308944679700E-19 0.1950958572562E+00 0.7818713517302E+00
0.2250023954772E+00 0.20000000000000E+02
AE 16     0.20000000E+00 4
0.1014462159287E+06 0.7143178858651E-19 0.1950951813104E+00 0.7818721354243E+00
0.2250023954770E+00 0.20000000000000E+02
AE 17     0.20000000E+00 4
0.1014462159384E+06 0.2002766231061E-19 0.1950966348395E+00 0.7818704520555E+00
0.2250023954774E+00 0.20000000000000E+02
AE 18     0.20000000E+00 4
0.1014462159405E+06 0.1992177475706E-19 0.1950969555188E+00 0.7818700804808E+00
0.2250023954775E+00 0.20000000000000E+02
AE 19     0.20000000E+00 4
0.1014462159308E+06 0.1588845451188E-19 0.1950955060233E+00 0.7818717595154E+00
0.2250023954771E+00 0.20000000000000E+02
AE 20     0.20000000E+00 4
0.1014462159448E+06 0.1090222569577E-19 0.1950976080185E+00 0.7818693234438E+00
0.2250023954777E+00 0.20000000000000E+02
AE 21     0.20000000E+00 4
0.1014462159406E+06 0.4558423543546E-19 0.1950969896131E+00 0.7818700397768E+00
0.2250023954775E+00 0.20000000000000E+02
AE 22     0.20000000E+00 4
0.1014462159392E+06 0.4586538166214E-19 0.1950967694863E+00 0.7818702954708E+00
0.2250023954775E+00 0.20000000000000E+02
AE 23     0.20000000E+00 4
0.1014462159398E+06 0.4490252353993E-19 0.1950968635838E+00 0.7818701864629E+00
  
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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250023954775E+00 0.20000000000000E+02
AE 24 0.200000000E+00 4
0.1014462159401E+06 0.5280045693907E-19 0.1950969099194E+00 0.7818701327983E+00
0.2250023954775E+00 0.20000000000000E+02
AE 25 0.200000000E+00 4
0.1014462159396E+06 0.3258752261952E-19 0.1950968292085E+00 0.7818702262733E+00
0.2250023954775E+00 0.20000000000000E+02
AE 26 0.200000000E+00 4
0.1014462159400E+06 0.9094667090837E-19 0.1950968989295E+00 0.7818701452879E+00
0.2250023954775E+00 0.20000000000000E+02
AE 27 0.200000000E+00 4
0.1014462159391E+06 0.2332645721189E-19 0.1950967508157E+00 0.7818703170214E+00
0.2250023954775E+00 0.20000000000000E+02
AE 28 0.200000000E+00 4
0.1014462159398E+06 0.5297913173482E-19 0.1950968602655E+00 0.7818701900343E+00
0.2250023954775E+00 0.20000000000000E+02
AE 29 0.200000000E+00 4
0.1014462159401E+06 0.1348300722913E-19 0.1950969034330E+00 0.7818701403216E+00
0.2250023954775E+00 0.20000000000000E+02
AE 30 0.200000000E+00 4
0.1014462159403E+06 0.1344659671791E-19 0.1950969353699E+00 0.7818701033366E+00
0.2250023954775E+00 0.20000000000000E+02
AE 31 0.200000000E+00 4
0.1014462159398E+06 0.9314007198088E-20 0.1950968643283E+00 0.7818701855816E+00
0.2250023954775E+00 0.20000000000000E+02
AE 32 0.200000000E+00 4
0.1014462159395E+06 0.3301435623818E-19 0.1950968126491E+00 0.7818702456785E+00
0.2250023954775E+00 0.20000000000000E+02
AE 33 0.200000000E+00 4
0.1014462159400E+06 0.3247172421106E-19 0.1950968899100E+00 0.7818701559788E+00
0.2250023954775E+00 0.20000000000000E+02
AE 34 0.200000000E+00 4
0.1014462159409E+06 0.2784286570569E-19 0.1950970281419E+00 0.7818699956736E+00
0.2250023954775E+00 0.20000000000000E+02
AE 35 0.200000000E+00 4
0.1014462159400E+06 0.6534701271405E-20 0.1950968890115E+00 0.7818701570146E+00
0.2250023954775E+00 0.20000000000000E+02
AE 36 0.200000000E+00 4
0.1014462159393E+06 0.1247053577212E-19 0.1950967769346E+00 0.7818702870211E+00
0.2250023954775E+00 0.20000000000000E+02
AE 37 0.200000000E+00 4
0.1014462159399E+06 0.1351279802008E-19 0.1950968812861E+00 0.7818701659508E+00
0.2250023954775E+00 0.20000000000000E+02
AE 38 0.200000000E+00 4
0.1014462159399E+06 0.6643885201383E-20 0.1950968746537E+00 0.7818701736250E+00
0.2250023954775E+00 0.20000000000000E+02
AE 39 0.200000000E+00 4
0.1014462159399E+06 0.9999428271259E-30 0.1950968808940E+00 0.7818701664048E+00
0.2250023954775E+00 0.20000000000000E+02
AE 40 0.200000000E+00 4
0.1014462159399E+06 0.2801158268362E-19 0.1950968810845E+00 0.7818701661842E+00
0.2250023954775E+00 0.20000000000000E+02
AE 41 0.200000000E+00 4
0.1014462159400E+06 0.2694945234730E-19 0.1950968827560E+00 0.7818701644998E+00
0.2250023954775E+00 0.20000000000000E+02
AE 42 0.200000000E+00 4
0.1014462159399E+06 0.2270771020790E-19 0.1950968767709E+00 0.7818701714284E+00
0.2250023954775E+00 0.20000000000000E+02
AE 43 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

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0.1014462159401E+06	0.5034204873790E-19	0.1950969050736E+00	0.7818701384116E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 44	0.20000000E+00 4		
0.1014462159400E+06	0.5571850287961E-20	0.1950968829294E+00	0.7818701642990E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 45	0.20000000E+00 4		
0.1014462159399E+06	0.2719753345050E-20	0.1950968670032E+00	0.7818701827367E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 46	0.20000000E+00 4		
0.1014462159401E+06	0.9833485012892E-20	0.1950969060049E+00	0.7818701375839E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 47	0.20000000E+00 4		
0.1014462159400E+06	0.1097831576036E-19	0.1950968829369E+00	0.7818701642903E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 48	0.20000000E+00 4		
0.1014462159400E+06	0.1070036426710E-19	0.1950968827411E+00	0.7818701645170E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 49	0.20000000E+00 4		
0.1014462159399E+06	0.2130811406535E-19	0.1950968733306E+00	0.7818701754116E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 50	0.20000000E+00 4		
0.1014462159400E+06	0.1972986762061E-19	0.1950968906883E+00	0.7818701553165E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 51	0.20000000E+00 4		
0.1014462159400E+06	0.2542413854766E-19	0.1950968789229E+00	0.7818701689374E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 52	0.20000000E+00 4		
0.1014462159400E+06	0.5548702739154E-20	0.1950968815126E+00	0.7818701659394E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 53	0.20000000E+00 4		
0.1014462159400E+06	0.1771157122580E-19	0.1950968833630E+00	0.7818701637971E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 54	0.20000000E+00 4		
0.1014462159400E+06	0.3601867226876E-19	0.1950968830733E+00	0.7818701641325E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 55	0.20000000E+00 4		
0.1014462159400E+06	0.4350940295610E-20	0.1950968827745E+00	0.7818701644783E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 56	0.20000000E+00 4		
0.1014462159400E+06	0.7044260586510E-20	0.1950968828049E+00	0.7818701644431E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 57	0.20000000E+00 4		
0.1014462159400E+06	0.1848247172779E-19	0.1950968827327E+00	0.7818701645269E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 58	0.20000000E+00 4		
0.1014462159400E+06	0.1598119945701E-19	0.1950968827998E+00	0.7818701644491E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 59	0.20000000E+00 4		
0.1014462159400E+06	0.8437553425481E-19	0.1950968827465E+00	0.7818701645107E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 60	0.20000000E+00 4		
0.1014462159400E+06	0.5671798422311E-19	0.1950968825215E+00	0.7818701647712E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 61	0.20000000E+00 4		
0.1014462159400E+06	0.1346977969746E-19	0.1950968822410E+00	0.7818701650960E+00
0.2250023954775E+00	0.2000000000000E+02		
AE 62	0.20000000E+00 4		
0.1014462159405E+06	0.7580265334192E-20	0.1950969732093E+00	0.7818700595337E+00
0.2250023954775E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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AF 1      0.20000000E+00 4
0.1014579221766E+06 0.6555230785353E-19 0.1951337236159E+00 0.7818318116699E+00
0.2250023965487E+00 0.20000000000000E+02
AF 2      0.20000000E+00 4
0.1014579220461E+06 0.6410317205548E-19 0.1951163723195E+00 0.7818521626412E+00
0.2250023965458E+00 0.20000000000000E+02
AF 3      0.20000000E+00 4
0.1014579220000E+06 0.6387937016934E-19 0.1951100888936E+00 0.7818594950343E+00
0.2250023965445E+00 0.20000000000000E+02
AF 4      0.20000000E+00 4
0.1014579219948E+06 0.7042123995093E-19 0.1951093641963E+00 0.7818603408647E+00
0.2250023965443E+00 0.20000000000000E+02
AF 5      0.20000000E+00 4
0.1014579219910E+06 0.6782027414331E-19 0.1951088233846E+00 0.7818609717660E+00
0.2250023965442E+00 0.20000000000000E+02
AF 6      0.20000000E+00 4
0.1014579219768E+06 0.8117769842025E-19 0.1951068693868E+00 0.7818632470391E+00
0.2250023965438E+00 0.20000000000000E+02
AF 7      0.20000000E+00 4
0.1014579219818E+06 0.1676193506398E-19 0.1951075702135E+00 0.7818624311974E+00
0.2250023965439E+00 0.20000000000000E+02
AF 8      0.20000000E+00 4
0.1014579220085E+06 0.1206689575593E-19 0.1951112400892E+00 0.7818581549032E+00
0.2250023965447E+00 0.20000000000000E+02
AF 9      0.20000000E+00 4
0.1014579219830E+06 0.3278275788840E-19 0.1951077594625E+00 0.7818622103003E+00
0.2250023965440E+00 0.20000000000000E+02
AF 10     0.20000000E+00 4
0.1014579219981E+06 0.1129766916549E-18 0.1951097955294E+00 0.7818598378441E+00
0.2250023965444E+00 0.20000000000000E+02
AF 11     0.20000000E+00 4
0.1014579220253E+06 0.9999428271259E-30 0.1951134855654E+00 0.7818555355337E+00
0.2250023965452E+00 0.20000000000000E+02
AF 12     0.20000000E+00 4
0.1014579219896E+06 0.1200111498414E-19 0.1951085889387E+00 0.7818612447553E+00
0.2250023965442E+00 0.20000000000000E+02
AF 13     0.20000000E+00 4
0.1014579219901E+06 0.2050617304633E-19 0.1951086461458E+00 0.7818611804689E+00
0.2250023965442E+00 0.20000000000000E+02
AF 14     0.20000000E+00 4
0.1014579219942E+06 0.6594618060243E-19 0.1951091614361E+00 0.7818605807278E+00
0.2250023965443E+00 0.20000000000000E+02
AF 15     0.20000000E+00 4
0.1014579219888E+06 0.4007106708498E-19 0.1951084080053E+00 0.7818614584378E+00
0.2250023965441E+00 0.20000000000000E+02
AF 16     0.20000000E+00 4
0.1014579219839E+06 0.5876104875250E-19 0.1951077629850E+00 0.7818622112060E+00
0.2250023965440E+00 0.20000000000000E+02
AF 17     0.20000000E+00 4
0.1014579219942E+06 0.1811822201438E-19 0.1951091525549E+00 0.7818605917970E+00
0.2250023965443E+00 0.20000000000000E+02
AF 18     0.20000000E+00 4
0.1014579219965E+06 0.1725264622377E-19 0.1951094591946E+00 0.7818602342621E+00
0.2250023965444E+00 0.20000000000000E+02
AF 19     0.20000000E+00 4
0.1014579219861E+06 0.1388502482014E-19 0.1951080739691E+00 0.7818618490259E+00
0.2250023965441E+00 0.20000000000000E+02
AF 20     0.20000000E+00 4
0.1014579220010E+06 0.1056851146831E-19 0.1951100827908E+00 0.7818595061290E+00
  
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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250023965445E+00 0.20000000000000E+02
AF 21 0.200000000E+00 4
0.1014579219965E+06 0.4322532493090E-19 0.1951094918949E+00 0.7818601949522E+00
0.2250023965444E+00 0.20000000000000E+02
AF 22 0.200000000E+00 4
0.1014579219950E+06 0.3833568642604E-19 0.1951092815600E+00 0.7818604408542E+00
0.2250023965443E+00 0.20000000000000E+02
AF 23 0.200000000E+00 4
0.1014579219957E+06 0.3633330258967E-19 0.1951093713669E+00 0.7818603361368E+00
0.2250023965443E+00 0.20000000000000E+02
AF 24 0.200000000E+00 4
0.1014579219961E+06 0.4505829959999E-19 0.1951094156411E+00 0.7818602845337E+00
0.2250023965444E+00 0.20000000000000E+02
AF 25 0.200000000E+00 4
0.1014579219955E+06 0.2811330208640E-19 0.1951093385157E+00 0.7818603744231E+00
0.2250023965443E+00 0.20000000000000E+02
AF 26 0.200000000E+00 4
0.1014579219960E+06 0.7969238419299E-19 0.1951094051799E+00 0.7818602964945E+00
0.2250023965443E+00 0.20000000000000E+02
AF 27 0.200000000E+00 4
0.1014579219949E+06 0.2101830250185E-19 0.1951092634664E+00 0.7818604618277E+00
0.2250023965443E+00 0.20000000000000E+02
AF 28 0.200000000E+00 4
0.1014579219957E+06 0.4473954067902E-19 0.1951093681208E+00 0.7818603396360E+00
0.2250023965443E+00 0.20000000000000E+02
AF 29 0.200000000E+00 4
0.1014579219960E+06 0.1146225888335E-19 0.1951094094812E+00 0.7818602917305E+00
0.2250023965443E+00 0.20000000000000E+02
AF 30 0.200000000E+00 4
0.1014579219963E+06 0.1105206815948E-19 0.1951094400113E+00 0.7818602561524E+00
0.2250023965444E+00 0.20000000000000E+02
AF 31 0.200000000E+00 4
0.1014579219958E+06 0.8145690809603E-20 0.1951093720115E+00 0.7818603353554E+00
0.2250023965443E+00 0.20000000000000E+02
AF 32 0.200000000E+00 4
0.1014579219954E+06 0.2855037667928E-19 0.1951093226118E+00 0.7818603931728E+00
0.2250023965443E+00 0.20000000000000E+02
AF 33 0.200000000E+00 4
0.1014579219959E+06 0.2766341797768E-19 0.1951093965435E+00 0.7818603068025E+00
0.2250023965443E+00 0.20000000000000E+02
AF 34 0.200000000E+00 4
0.1014579219969E+06 0.2553611914270E-19 0.1951095287848E+00 0.7818601524879E+00
0.2250023965444E+00 0.20000000000000E+02
AF 35 0.200000000E+00 4
0.1014579219959E+06 0.5087252851928E-20 0.1951093956679E+00 0.7818603078153E+00
0.2250023965443E+00 0.20000000000000E+02
AF 36 0.200000000E+00 4
0.1014579219952E+06 0.1008531127616E-19 0.1951092884174E+00 0.7818604329953E+00
0.2250023965443E+00 0.20000000000000E+02
AF 37 0.200000000E+00 4
0.1014579219959E+06 0.1207434554025E-19 0.1951093882472E+00 0.7818603164468E+00
0.2250023965443E+00 0.20000000000000E+02
AF 38 0.200000000E+00 4
0.1014579219958E+06 0.5086946262795E-20 0.1951093818844E+00 0.7818603238514E+00
0.2250023965443E+00 0.20000000000000E+02
AF 39 0.200000000E+00 4
0.1014579219959E+06 0.9999428271259E-30 0.1951093878718E+00 0.7818603168841E+00
0.2250023965443E+00 0.20000000000000E+02
AF 40 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
 11a 9/29/2011, 8:35:26AM

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0.2250023965443E+00 0.20000000000000E+02
AF 41 0.20000000E+00 4
0.1014579219959E+06 0.2220586184814E-19 0.1951093896559E+00 0.7818603150570E+00
0.2250023965443E+00 0.20000000000000E+02
AF 42 0.20000000E+00 4
0.1014579219959E+06 0.1957078548952E-19 0.1951093839258E+00 0.7818603217305E+00
0.2250023965443E+00 0.20000000000000E+02
AF 43 0.20000000E+00 4
0.1014579219960E+06 0.4050576876298E-19 0.1951094110142E+00 0.7818602899280E+00
0.2250023965444E+00 0.20000000000000E+02
AF 44 0.20000000E+00 4
0.1014579219959E+06 0.4288238258751E-20 0.1951093898213E+00 0.7818603148641E+00
0.2250023965443E+00 0.20000000000000E+02
AF 45 0.20000000E+00 4
0.1014579219958E+06 0.1592436522499E-20 0.1951093745777E+00 0.7818603326193E+00
0.2250023965443E+00 0.20000000000000E+02
AF 46 0.20000000E+00 4
0.1014579219961E+06 0.8065402603575E-20 0.1951094119070E+00 0.7818602891389E+00
0.2250023965444E+00 0.20000000000000E+02
AF 47 0.20000000E+00 4
0.1014579219959E+06 0.9556897835317E-20 0.1951093898289E+00 0.7818603148554E+00
0.2250023965443E+00 0.20000000000000E+02
AF 48 0.20000000E+00 4
0.1014579219959E+06 0.8298040473621E-20 0.1951093896415E+00 0.7818603150737E+00
0.2250023965443E+00 0.20000000000000E+02
AF 49 0.20000000E+00 4
0.1014579219959E+06 0.1804326186419E-19 0.1951093806344E+00 0.7818603255649E+00
0.2250023965443E+00 0.20000000000000E+02
AF 50 0.20000000E+00 4
0.1014579219960E+06 0.1701673111914E-19 0.1951093972479E+00 0.7818603062140E+00
0.2250023965443E+00 0.20000000000000E+02
AF 51 0.20000000E+00 4
0.1014579219959E+06 0.2046876257099E-19 0.1951093859868E+00 0.7818603193306E+00
0.2250023965443E+00 0.20000000000000E+02
AF 52 0.20000000E+00 4
0.1014579219959E+06 0.4465990518878E-20 0.1951093884658E+00 0.7818603164432E+00
0.2250023965443E+00 0.20000000000000E+02
AF 53 0.20000000E+00 4
0.1014579219959E+06 0.1611017662610E-19 0.1951093902366E+00 0.7818603143805E+00
0.2250023965443E+00 0.20000000000000E+02
AF 54 0.20000000E+00 4
0.1014579219959E+06 0.3051840326459E-19 0.1951093899593E+00 0.7818603147035E+00
0.2250023965443E+00 0.20000000000000E+02
AF 55 0.20000000E+00 4
0.1014579219959E+06 0.3151557753982E-20 0.1951093896734E+00 0.7818603150365E+00
0.2250023965443E+00 0.20000000000000E+02
AF 56 0.20000000E+00 4
0.1014579219959E+06 0.6386303574180E-20 0.1951093897024E+00 0.7818603150027E+00
0.2250023965443E+00 0.20000000000000E+02
AF 57 0.20000000E+00 4
0.1014579219959E+06 0.1534329857038E-19 0.1951093896336E+00 0.7818603150830E+00
0.2250023965443E+00 0.20000000000000E+02
AF 58 0.20000000E+00 4
0.1014579219959E+06 0.1411435961367E-19 0.1951093896975E+00 0.7818603150084E+00
0.2250023965443E+00 0.20000000000000E+02
AF 59 0.20000000E+00 4
0.1014579219959E+06 0.7205404272596E-19 0.1951093896465E+00 0.7818603150678E+00
0.2250023965443E+00 0.20000000000000E+02

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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AF 60      0.20000000E+00 4
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0.2250023965443E+00 0.20000000000000E+02
AF 61      0.20000000E+00 4
0.1014579219959E+06 0.1138470454977E-19 0.1951093891628E+00 0.7818603156313E+00
0.2250023965443E+00 0.20000000000000E+02
AF 62      0.20000000E+00 4
0.1014579219965E+06 0.6246747766823E-20 0.1951094762465E+00 0.7818602139536E+00
0.2250023965444E+00 0.20000000000000E+02
AG 1       0.20000000E+00 4
0.1014696296235E+06 0.6061570092096E-19 0.1951451546579E+00 0.7818230378001E+00
0.2250023976266E+00 0.20000000000000E+02
AG 2       0.20000000E+00 4
0.1014696294864E+06 0.6339510645725E-19 0.1951285950000E+00 0.7818425971231E+00
0.2250023976249E+00 0.20000000000000E+02
AG 3       0.20000000E+00 4
0.1014696294378E+06 0.6125101073690E-19 0.1951225981815E+00 0.7818496429048E+00
0.2250023976240E+00 0.20000000000000E+02
AG 4       0.20000000E+00 4
0.1014696294324E+06 0.6932433509385E-19 0.1951219067361E+00 0.7818504554828E+00
0.2250023976239E+00 0.20000000000000E+02
AG 5       0.20000000E+00 4
0.1014696294284E+06 0.6405681204390E-19 0.1951213906737E+00 0.7818510616342E+00
0.2250023976238E+00 0.20000000000000E+02
AG 6       0.20000000E+00 4
0.1014696294134E+06 0.7242117295835E-19 0.1951195261135E+00 0.7818532474685E+00
0.2250023976235E+00 0.20000000000000E+02
AG 7       0.20000000E+00 4
0.1014696294187E+06 0.1381717569763E-19 0.1951201950709E+00 0.7818524634966E+00
0.2250023976236E+00 0.20000000000000E+02
AG 8       0.20000000E+00 4
0.1014696294468E+06 0.1132905176231E-19 0.1951236973642E+00 0.7818483547877E+00
0.2250023976242E+00 0.20000000000000E+02
AG 9       0.20000000E+00 4
0.1014696294200E+06 0.2954021431787E-19 0.1951203760345E+00 0.7818522508850E+00
0.2250023976237E+00 0.20000000000000E+02
AG 10      0.20000000E+00 4
0.1014696294359E+06 0.9912908215666E-19 0.1951223176643E+00 0.7818499728675E+00
0.2250023976240E+00 0.20000000000000E+02
AG 11      0.20000000E+00 4
0.1014696294645E+06 0.9999428271259E-30 0.1951258389148E+00 0.7818458393445E+00
0.2250023976245E+00 0.20000000000000E+02
AG 12      0.20000000E+00 4
0.1014696294269E+06 0.1024377267042E-19 0.1951211656706E+00 0.7818513251809E+00
0.2250023976238E+00 0.20000000000000E+02
AG 13      0.20000000E+00 4
0.1014696294275E+06 0.1781411645462E-19 0.1951212210546E+00 0.7818512627173E+00
0.2250023976238E+00 0.20000000000000E+02
AG 14      0.20000000E+00 4
0.1014696294317E+06 0.5794220876957E-19 0.1951217119152E+00 0.7818506874062E+00
0.2250023976239E+00 0.20000000000000E+02
AG 15      0.20000000E+00 4
0.1014696294261E+06 0.3729587844841E-19 0.1951209923892E+00 0.7818515312110E+00
0.2250023976238E+00 0.20000000000000E+02
AG 16      0.20000000E+00 4
0.1014696294209E+06 0.4772481756478E-19 0.1951203787890E+00 0.7818522525587E+00
0.2250023976237E+00 0.20000000000000E+02
AG 17      0.20000000E+00 4
0.1014696294318E+06 0.1630535499942E-19 0.1951217033791E+00 0.7818506981303E+00

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250023976239E+00 0.20000000000000E+02
AG 19 0.200000000E+00 4
0.1014696294232E+06 0.1233489013250E-19 0.1951206758223E+00 0.7818519043296E+00
0.2250023976237E+00 0.20000000000000E+02
AG 20 0.200000000E+00 4
0.1014696294390E+06 0.1024379286364E-19 0.1951225900004E+00 0.7818496560774E+00
0.2250023976240E+00 0.20000000000000E+02
AG 21 0.200000000E+00 4
0.1014696294342E+06 0.4123988637885E-19 0.1951220270427E+00 0.7818503169622E+00
0.2250023976239E+00 0.20000000000000E+02
AG 22 0.200000000E+00 4
0.1014696294327E+06 0.3192243961080E-19 0.1951218266531E+00 0.7818505529186E+00
0.2250023976239E+00 0.20000000000000E+02
AG 23 0.200000000E+00 4
0.1014696294334E+06 0.2906368572087E-19 0.1951219121024E+00 0.7818504525590E+00
0.2250023976239E+00 0.20000000000000E+02
AG 24 0.200000000E+00 4
0.1014696294337E+06 0.3806342237733E-19 0.1951219542827E+00 0.7818504030497E+00
0.2250023976239E+00 0.20000000000000E+02
AG 25 0.200000000E+00 4
0.1014696294331E+06 0.2419330558078E-19 0.1951218807991E+00 0.7818504892973E+00
0.2250023976239E+00 0.20000000000000E+02
AG 26 0.200000000E+00 4
0.1014696294336E+06 0.6982711472900E-19 0.1951219443585E+00 0.7818504144736E+00
0.2250023976239E+00 0.20000000000000E+02
AG 27 0.200000000E+00 4
0.1014696294326E+06 0.1916408889495E-19 0.1951218091462E+00 0.7818505733055E+00
0.2250023976239E+00 0.20000000000000E+02
AG 28 0.200000000E+00 4
0.1014696294333E+06 0.3766637786063E-19 0.1951219089297E+00 0.7818504559848E+00
0.2250023976239E+00 0.20000000000000E+02
AG 29 0.200000000E+00 4
0.1014696294337E+06 0.9555558123847E-20 0.1951219484544E+00 0.7818504099149E+00
0.2250023976239E+00 0.20000000000000E+02
AG 30 0.200000000E+00 4
0.1014696294339E+06 0.9079091395570E-20 0.1951219775555E+00 0.7818503757658E+00
0.2250023976239E+00 0.20000000000000E+02
AG 31 0.200000000E+00 4
0.1014696294334E+06 0.7173274118811E-20 0.1951219126456E+00 0.7818504518790E+00
0.2250023976239E+00 0.20000000000000E+02
AG 32 0.200000000E+00 4
0.1014696294331E+06 0.2448447779219E-19 0.1951218655612E+00 0.7818505073811E+00
0.2250023976239E+00 0.20000000000000E+02
AG 33 0.200000000E+00 4
0.1014696294336E+06 0.2342568556977E-19 0.1951219361111E+00 0.7818504243925E+00
0.2250023976239E+00 0.20000000000000E+02
AG 34 0.200000000E+00 4
0.1014696294346E+06 0.2355807348564E-19 0.1951220622678E+00 0.7818502761626E+00
0.2250023976239E+00 0.20000000000000E+02
AG 35 0.200000000E+00 4
0.1014696294336E+06 0.3652806832538E-20 0.1951219352588E+00 0.7818504253821E+00
0.2250023976239E+00 0.20000000000000E+02
AG 36 0.200000000E+00 4
0.1014696294328E+06 0.7940899804051E-20 0.1951218329108E+00 0.7818505456594E+00
0.2250023976239E+00 0.20000000000000E+02
AG 37 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.1014696294335E+06 0.1098493746741E-19 0.1951219281478E+00 0.7818504337039E+00
0.2250023976239E+00 0.2000000000000E+02
AG 38 0.200000000E+00 4
0.1014696294335E+06 0.3626335155840E-20 0.1951219220588E+00 0.7818504408347E+00
0.2250023976239E+00 0.2000000000000E+02
AG 39 0.200000000E+00 4
0.1014696294335E+06 0.9999428271259E-30 0.1951219277893E+00 0.7818504341242E+00
0.2250023976239E+00 0.2000000000000E+02
AG 40 0.200000000E+00 4
0.1014696294335E+06 0.2022285638419E-19 0.1951219279637E+00 0.7818504339198E+00
0.2250023976239E+00 0.2000000000000E+02
AG 41 0.200000000E+00 4
0.1014696294336E+06 0.1810524925775E-19 0.1951219294942E+00 0.7818504323763E+00
0.2250023976239E+00 0.2000000000000E+02
AG 42 0.200000000E+00 4
0.1014696294335E+06 0.1667591457269E-19 0.1951219240233E+00 0.7818504387908E+00
0.2250023976239E+00 0.2000000000000E+02
AG 43 0.200000000E+00 4
0.1014696294337E+06 0.3200181805630E-19 0.1951219498782E+00 0.7818504082217E+00
0.2250023976239E+00 0.2000000000000E+02
AG 44 0.200000000E+00 4
0.1014696294336E+06 0.3282222805824E-20 0.1951219296515E+00 0.7818504321915E+00
0.2250023976239E+00 0.2000000000000E+02
AG 45 0.200000000E+00 4
0.1014696294335E+06 0.6352604097988E-21 0.1951219151012E+00 0.7818504492534E+00
0.2250023976239E+00 0.2000000000000E+02
AG 46 0.200000000E+00 4
0.1014696294338E+06 0.6538003956127E-20 0.1951219507319E+00 0.7818504074717E+00
0.2250023976239E+00 0.2000000000000E+02
AG 47 0.200000000E+00 4
0.1014696294336E+06 0.8099730239563E-20 0.1951219296592E+00 0.7818504321828E+00
0.2250023976239E+00 0.2000000000000E+02
AG 48 0.200000000E+00 4
0.1014696294336E+06 0.6035070835228E-20 0.1951219294804E+00 0.7818504323925E+00
0.2250023976239E+00 0.2000000000000E+02
AG 49 0.200000000E+00 4
0.1014696294335E+06 0.1508772348826E-19 0.1951219208830E+00 0.7818504424740E+00
0.2250023976239E+00 0.2000000000000E+02
AG 50 0.200000000E+00 4
0.1014696294336E+06 0.1447893090667E-19 0.1951219367406E+00 0.7818504238789E+00
0.2250023976239E+00 0.2000000000000E+02
AG 51 0.200000000E+00 4
0.1014696294336E+06 0.1604061091072E-19 0.1951219259917E+00 0.7818504364833E+00
0.2250023976239E+00 0.2000000000000E+02
AG 52 0.200000000E+00 4
0.1014696294336E+06 0.3811628663015E-20 0.1951219283583E+00 0.7818504337084E+00
0.2250023976239E+00 0.2000000000000E+02
AG 53 0.200000000E+00 4
0.1014696294336E+06 0.1484952866787E-19 0.1951219300482E+00 0.7818504317265E+00
0.2250023976239E+00 0.2000000000000E+02
AG 54 0.200000000E+00 4
0.1014696294336E+06 0.2543738563659E-19 0.1951219297836E+00 0.7818504320368E+00
0.2250023976239E+00 0.2000000000000E+02
AG 55 0.200000000E+00 4
0.1014696294336E+06 0.2488136607490E-20 0.1951219295107E+00 0.7818504323568E+00
0.2250023976239E+00 0.2000000000000E+02
AG 56 0.200000000E+00 4
0.1014696294336E+06 0.5876282676564E-20 0.1951219295383E+00 0.7818504323244E+00
0.2250023976239E+00 0.2000000000000E+02

```

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl(11a 9/29/2011, 8:35:26AM

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AG 57      0.20000000E+00 4
0.1014696294336E+06 0.1273191841562E-19 0.1951219294730E+00 0.7818504324013E+00
0.2250023976239E+00 0.20000000000000E+02
AG 58      0.20000000E+00 4
0.1014696294336E+06 0.1238783443753E-19 0.1951219295336E+00 0.7818504323300E+00
0.2250023976239E+00 0.20000000000000E+02
AG 59      0.20000000E+00 4
0.1014696294336E+06 0.6114501370864E-19 0.1951219294850E+00 0.7818504323870E+00
0.2250023976239E+00 0.20000000000000E+02
AG 60      0.20000000E+00 4
0.1014696294336E+06 0.4168978263301E-19 0.1951219292795E+00 0.7818504326280E+00
0.2250023976239E+00 0.20000000000000E+02
AG 61      0.20000000E+00 4
0.1014696294336E+06 0.9370275836065E-20 0.1951219290235E+00 0.7818504329283E+00
0.2250023976239E+00 0.20000000000000E+02
AG 62      0.20000000E+00 4
0.1014696294342E+06 0.5267470279593E-20 0.1951220121614E+00 0.7818503351965E+00
0.2250023976239E+00 0.20000000000000E+02
AH 1       0.20000000E+00 4
0.1014813384506E+06 0.5632760376709E-19 0.1951565964168E+00 0.7818142529140E+00
0.2250023989654E+00 0.20000000000000E+02
AH 2       0.20000000E+00 4
0.1014813383081E+06 0.6268042342773E-19 0.1951408337657E+00 0.7818330152203E+00
0.2250023989648E+00 0.20000000000000E+02
AH 3       0.20000000E+00 4
0.1014813382576E+06 0.5886873769761E-19 0.1951351259877E+00 0.7818397719575E+00
0.2250023989644E+00 0.20000000000000E+02
AH 4       0.20000000E+00 4
0.1014813382520E+06 0.6818613578338E-19 0.1951344680949E+00 0.7818405509823E+00
0.2250023989643E+00 0.20000000000000E+02
AH 5       0.20000000E+00 4
0.1014813382478E+06 0.6098632062755E-19 0.1951339770083E+00 0.7818411321575E+00
0.2250023989643E+00 0.20000000000000E+02
AH 6       0.20000000E+00 4
0.1014813382321E+06 0.6479788511124E-19 0.1951322027229E+00 0.7818432277157E+00
0.2250023989641E+00 0.20000000000000E+02
AH 7       0.20000000E+00 4
0.1014813382377E+06 0.1143489923533E-19 0.1951328395090E+00 0.7818424759155E+00
0.2250023989642E+00 0.20000000000000E+02
AH 8       0.20000000E+00 4
0.1014813382670E+06 0.1058789905460E-19 0.1951361726946E+00 0.7818385363173E+00
0.2250023989645E+00 0.20000000000000E+02
AH 9       0.20000000E+00 4
0.1014813382390E+06 0.2668148260239E-19 0.1951330121089E+00 0.7818422716676E+00
0.2250023989642E+00 0.20000000000000E+02
AH 10      0.20000000E+00 4
0.1014813382555E+06 0.8682064938569E-19 0.1951348584338E+00 0.7818400889567E+00
0.2250023989644E+00 0.20000000000000E+02
AH 11      0.20000000E+00 4
0.1014813382854E+06 0.9999428271259E-30 0.1951382094237E+00 0.7818361256964E+00
0.2250023989646E+00 0.20000000000000E+02
AH 12      0.20000000E+00 4
0.1014813382462E+06 0.8893816875129E-20 0.1951337615361E+00 0.7818413861733E+00
0.2250023989643E+00 0.20000000000000E+02
AH 13      0.20000000E+00 4
0.1014813382468E+06 0.1567006720981E-19 0.1951338150791E+00 0.7818413255504E+00
0.2250023989643E+00 0.20000000000000E+02
AH 14      0.20000000E+00 4
0.1014813382513E+06 0.5082184665620E-19 0.1951342812864E+00 0.7818407748930E+00

```

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250023989643E+00 0.20000000000000E+02
AH 15      0.200000000E+00 4
0.1014813382454E+06 0.3472831219367E-19 0.1951335959778E+00 0.7818415844800E+00
0.2250023989643E+00 0.20000000000000E+02
AH 16      0.200000000E+00 4
0.1014813382400E+06 0.3811630005368E-19 0.1951330140888E+00 0.7818422741160E+00
0.2250023989642E+00 0.20000000000000E+02
AH 17      0.200000000E+00 4
0.1014813382513E+06 0.1482305002815E-19 0.1951342730987E+00 0.7818407852688E+00
0.2250023989643E+00 0.20000000000000E+02
AH 18      0.200000000E+00 4
0.1014813382538E+06 0.1355249137015E-19 0.1951345510876E+00 0.7818404563850E+00
0.2250023989644E+00 0.20000000000000E+02
AH 19      0.200000000E+00 4
0.1014813382424E+06 0.1058788643480E-19 0.1951332970405E+00 0.7818419399687E+00
0.2250023989643E+00 0.20000000000000E+02
AH 20      0.200000000E+00 4
0.1014813382588E+06 0.1016438624615E-19 0.1951351157110E+00 0.7818397872254E+00
0.2250023989644E+00 0.20000000000000E+02
AH 21      0.200000000E+00 4
0.1014813382538E+06 0.3938700348878E-19 0.1951345809432E+00 0.7818404199199E+00
0.2250023989644E+00 0.20000000000000E+02
AH 22      0.200000000E+00 4
0.1014813382522E+06 0.2625791415913E-19 0.1951343905892E+00 0.7818406458406E+00
0.2250023989643E+00 0.20000000000000E+02
AH 23      0.200000000E+00 4
0.1014813382530E+06 0.2244624912426E-19 0.1951344716413E+00 0.7818405498783E+00
0.2250023989644E+00 0.20000000000000E+02
AH 24      0.200000000E+00 4
0.1014813382533E+06 0.3218713905330E-19 0.1951345117088E+00 0.7818405024818E+00
0.2250023989644E+00 0.20000000000000E+02
AH 25      0.200000000E+00 4
0.1014813382527E+06 0.2075224029241E-19 0.1951344419000E+00 0.7818405850546E+00
0.2250023989644E+00 0.20000000000000E+02
AH 26      0.200000000E+00 4
0.1014813382532E+06 0.6140973470464E-19 0.1951345023264E+00 0.7818405133639E+00
0.2250023989644E+00 0.20000000000000E+02
AH 27      0.200000000E+00 4
0.1014813382521E+06 0.1736414614442E-19 0.1951343736744E+00 0.7818406656353E+00
0.2250023989643E+00 0.20000000000000E+02
AH 28      0.200000000E+00 4
0.1014813382529E+06 0.3134010802093E-19 0.1951344685427E+00 0.7818405532299E+00
0.2250023989644E+00 0.20000000000000E+02
AH 29      0.200000000E+00 4
0.1014813382533E+06 0.8046782939406E-20 0.1951345062149E+00 0.7818405090125E+00
0.2250023989644E+00 0.20000000000000E+02
AH 30      0.200000000E+00 4
0.1014813382535E+06 0.7199741148479E-20 0.1951345338742E+00 0.7818404763053E+00
0.2250023989644E+00 0.20000000000000E+02
AH 31      0.200000000E+00 4
0.1014813382530E+06 0.6352716210296E-20 0.1951344720822E+00 0.7818405493006E+00
0.2250023989644E+00 0.20000000000000E+02
AH 32      0.200000000E+00 4
0.1014813382526E+06 0.2075224320312E-19 0.1951344273340E+00 0.7818406024663E+00
0.2250023989644E+00 0.20000000000000E+02
AH 33      0.200000000E+00 4
0.1014813382532E+06 0.1948169276876E-19 0.1951344944715E+00 0.7818405228903E+00
0.2250023989644E+00 0.20000000000000E+02
AH 34      0.200000000E+00 4

```

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
 11a 9/29/2011, 8:35:26AM

0.1014813382542E+06	0.2159931143822E-19	0.1951346144884E+00	0.7818403808003E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 35	0.20000000E+00 4		
0.1014813382532E+06	0.2541077488887E-20	0.1951344936427E+00	0.7818405238562E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 36	0.20000000E+00 4		
0.1014813382524E+06	0.6352715662938E-20	0.1951343962419E+00	0.7818406391864E+00
0.2250023989643E+00	0.2000000000000E+02		
AH 37	0.20000000E+00 4		
0.1014813382531E+06	0.9740859535223E-20	0.1951344868442E+00	0.7818405318656E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 38	0.20000000E+00 4		
0.1014813382531E+06	0.2541076608596E-20	0.1951344810315E+00	0.7818405387201E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 39	0.20000000E+00 4		
0.1014813382531E+06	0.9999428271259E-30	0.1951344865028E+00	0.7818405322688E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 40	0.20000000E+00 4		
0.1014813382531E+06	0.1694060696287E-19	0.1951344866690E+00	0.7818405320726E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 41	0.20000000E+00 4		
0.1014813382532E+06	0.1439948629802E-19	0.1951344881278E+00	0.7818405306009E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 42	0.20000000E+00 4		
0.1014813382531E+06	0.1397599990922E-19	0.1951344829183E+00	0.7818405367538E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 43	0.20000000E+00 4		
0.1014813382533E+06	0.2456381900913E-19	0.1951345075286E+00	0.7818405074294E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 44	0.20000000E+00 4		
0.1014813382532E+06	0.2117556635681E-20	0.1951344882770E+00	0.7818405304242E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 45	0.20000000E+00 4		
0.1014813382531E+06	0.9999428271259E-30	0.1951344744263E+00	0.7818405467865E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 46	0.20000000E+00 4		
0.1014813382534E+06	0.5505685866136E-20	0.1951345083429E+00	0.7818405067189E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 47	0.20000000E+00 4		
0.1014813382532E+06	0.7199759260197E-20	0.1951344882846E+00	0.7818405304154E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 48	0.20000000E+00 4		
0.1014813382532E+06	0.4235128593703E-20	0.1951344881145E+00	0.7818405306165E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 49	0.20000000E+00 4		
0.1014813382531E+06	0.1228193035231E-19	0.1951344799306E+00	0.7818405402845E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 50	0.20000000E+00 4		
0.1014813382532E+06	0.1228194200013E-19	0.1951344950254E+00	0.7818405224522E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 51	0.20000000E+00 4		
0.1014813382531E+06	0.1185839047674E-19	0.1951344847935E+00	0.7818405345396E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 52	0.20000000E+00 4		
0.1014813382532E+06	0.2964598349959E-20	0.1951344870466E+00	0.7818405318782E+00
0.2250023989644E+00	0.2000000000000E+02		
AH 53	0.20000000E+00 4		
0.1014813382532E+06	0.1355251060394E-19	0.1951344886549E+00	0.7818405299780E+00
0.2250023989644E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
 11a 9/29/2011, 8:35:26AM

AH 54 0.20000000E+00 4  
 0.1014813382532E+06 0.2117575528645E-19 0.1951344884031E+00 0.7818405302755E+00  
 0.2250023989644E+00 0.2000000000000E+02  
 AH 55 0.20000000E+00 4  
 0.1014813382532E+06 0.1694046734654E-20 0.1951344881433E+00 0.7818405305824E+00  
 0.2250023989644E+00 0.2000000000000E+02  
 AH 56 0.20000000E+00 4  
 0.1014813382532E+06 0.5505706236234E-20 0.1951344881695E+00 0.7818405305514E+00  
 0.2250023989644E+00 0.2000000000000E+02  
 AH 57 0.20000000E+00 4  
 0.1014813382532E+06 0.1016435303582E-19 0.1951344881077E+00 0.7818405306247E+00  
 0.2250023989644E+00 0.2000000000000E+02  
 AH 58 0.20000000E+00 4  
 0.1014813382532E+06 0.1058789050936E-19 0.1951344881650E+00 0.7818405305567E+00  
 0.2250023989644E+00 0.2000000000000E+02  
 AH 59 0.20000000E+00 4  
 0.1014813382532E+06 0.5166884310958E-19 0.1951344881187E+00 0.7818405306114E+00  
 0.2250023989644E+00 0.2000000000000E+02  
 AH 60 0.20000000E+00 4  
 0.1014813382532E+06 0.3557527177079E-19 0.1951344879231E+00 0.7818405308424E+00  
 0.2250023989644E+00 0.2000000000000E+02  
 AH 61 0.20000000E+00 4  
 0.1014813382532E+06 0.7623272075019E-20 0.1951344876796E+00 0.7818405311303E+00  
 0.2250023989644E+00 0.2000000000000E+02  
 AH 62 0.20000000E+00 4  
 0.1014813382538E+06 0.4658666339472E-20 0.1951345668359E+00 0.7818404373802E+00  
 0.2250023989644E+00 0.2000000000000E+02  
 AI 1 0.20000000E+00 4  
 0.1014989042730E+06 0.5352181441125E-19 0.1951683099974E+00 0.7818065240655E+00  
 0.2250024008266E+00 0.2000000000000E+02  
 AI 2 0.20000000E+00 4  
 0.1014989041243E+06 0.5706883120218E-19 0.1951533474332E+00 0.7818244862787E+00  
 0.2250024008274E+00 0.2000000000000E+02  
 AI 3 0.20000000E+00 4  
 0.1014989040716E+06 0.5812759102780E-19 0.1951479301154E+00 0.7818309525529E+00  
 0.2250024008274E+00 0.2000000000000E+02  
 AI 4 0.20000000E+00 4  
 0.1014989040657E+06 0.6490388426673E-19 0.1951473059517E+00 0.7818316978482E+00  
 0.2250024008274E+00 0.2000000000000E+02  
 AI 5 0.20000000E+00 4  
 0.1014989040613E+06 0.6040398849665E-19 0.1951468399735E+00 0.7818322539146E+00  
 0.2250024008274E+00 0.2000000000000E+02  
 AI 6 0.20000000E+00 4  
 0.1014989040449E+06 0.5648638305402E-19 0.1951451564555E+00 0.7818342587045E+00  
 0.2250024008274E+00 0.2000000000000E+02  
 AI 7 0.20000000E+00 4  
 0.1014989040508E+06 0.1085256781943E-19 0.1951457608925E+00 0.7818335392536E+00  
 0.2250024008274E+00 0.2000000000000E+02  
 AI 8 0.20000000E+00 4  
 0.1014989040814E+06 0.1011144417171E-19 0.1951489240756E+00 0.7818297696601E+00  
 0.2250024008274E+00 0.2000000000000E+02  
 AI 9 0.20000000E+00 4  
 0.1014989040521E+06 0.2339923438385E-19 0.1951459250829E+00 0.7818333434155E+00  
 0.2250024008274E+00 0.2000000000000E+02  
 AI 10 0.20000000E+00 4  
 0.1014989040694E+06 0.7729154386034E-19 0.1951476755930E+00 0.7818312565206E+00  
 0.2250024008274E+00 0.2000000000000E+02  
 AI 11 0.20000000E+00 4  
 0.1014989041006E+06 0.9999428271259E-30 0.1951508554594E+00 0.7818274643850E+00

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250024008274E+00 0.20000000000000E+02
AI 12 0.200000000E+00 4
0.1014989040597E+06 0.8364424255153E-20 0.1951466340843E+00 0.7818324983476E+00
0.2250024008274E+00 0.20000000000000E+02
AI 13 0.200000000E+00 4
0.1014989040603E+06 0.1138196603052E-19 0.1951466857757E+00 0.7818324395760E+00
0.2250024008274E+00 0.20000000000000E+02
AI 14 0.200000000E+00 4
0.1014989040650E+06 0.4881015226392E-19 0.1951471271983E+00 0.7818319137036E+00
0.2250024008274E+00 0.20000000000000E+02
AI 15 0.200000000E+00 4
0.1014989040588E+06 0.3573416621908E-19 0.1951464762906E+00 0.7818326888894E+00
0.2250024008274E+00 0.20000000000000E+02
AI 16 0.200000000E+00 4
0.1014989040532E+06 0.3065183533594E-19 0.1951459262841E+00 0.7818333466425E+00
0.2250024008274E+00 0.20000000000000E+02
AI 17 0.200000000E+00 4
0.1014989040650E+06 0.1402895928438E-19 0.1951471193608E+00 0.7818319237291E+00
0.2250024008274E+00 0.20000000000000E+02
AI 18 0.200000000E+00 4
0.1014989040676E+06 0.1312897737898E-19 0.1951473828833E+00 0.7818316093119E+00
0.2250024008274E+00 0.20000000000000E+02
AI 19 0.200000000E+00 4
0.1014989040557E+06 0.7199756354784E-20 0.1951461950773E+00 0.7818330266537E+00
0.2250024008274E+00 0.20000000000000E+02
AI 20 0.200000000E+00 4
0.1014989040728E+06 0.8576200992484E-20 0.1951479177328E+00 0.7818309699265E+00
0.2250024008274E+00 0.20000000000000E+02
AI 21 0.200000000E+00 4
0.1014989040677E+06 0.3658120859047E-19 0.1951474113026E+00 0.7818315742832E+00
0.2250024008274E+00 0.20000000000000E+02
AI 22 0.200000000E+00 4
0.1014989040660E+06 0.2202275751115E-19 0.1951472310371E+00 0.7818317901152E+00
0.2250024008274E+00 0.20000000000000E+02
AI 23 0.200000000E+00 4
0.1014989040668E+06 0.2138746648248E-19 0.1951473076687E+00 0.7818316985734E+00
0.2250024008274E+00 0.20000000000000E+02
AI 24 0.200000000E+00 4
0.1014989040672E+06 0.2106983963559E-19 0.1951473456122E+00 0.7818316533009E+00
0.2250024008274E+00 0.20000000000000E+02
AI 25 0.200000000E+00 4
0.1014989040665E+06 0.1275837301204E-19 0.1951472794977E+00 0.7818317321794E+00
0.2250024008274E+00 0.20000000000000E+02
AI 26 0.200000000E+00 4
0.1014989040670E+06 0.5510993756570E-19 0.1951473367746E+00 0.7818316636382E+00
0.2250024008274E+00 0.20000000000000E+02
AI 27 0.200000000E+00 4
0.1014989040659E+06 0.1662299468871E-19 0.1951472147176E+00 0.7818318093146E+00
0.2250024008274E+00 0.20000000000000E+02
AI 28 0.200000000E+00 4
0.1014989040667E+06 0.2874607751089E-19 0.1951473046448E+00 0.7818317018504E+00
0.2250024008274E+00 0.20000000000000E+02
AI 29 0.200000000E+00 4
0.1014989040671E+06 0.6829175353082E-20 0.1951473404547E+00 0.7818316594953E+00
0.2250024008274E+00 0.20000000000000E+02
AI 30 0.200000000E+00 4
0.1014989040674E+06 0.6458591400562E-20 0.1951473666645E+00 0.7818316282376E+00
0.2250024008274E+00 0.20000000000000E+02
AI 31 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
 11a 9/29/2011, 8:35:26AM

0.1014989040668E+06	0.1746979794168E-20	0.1951473080068E+00	0.7818316980984E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 32	0.20000000E+00 4		
0.1014989040664E+06	0.1662296238665E-19	0.1951472656074E+00	0.7818317489155E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 33	0.20000000E+00 4		
0.1014989040670E+06	0.1334070824335E-19	0.1951473293143E+00	0.7818316727700E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 34	0.20000000E+00 4		
0.1014989040681E+06	0.1604065942116E-19	0.1951474431588E+00	0.7818315368524E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 35	0.20000000E+00 4		
0.1014989040670E+06	0.4288084354555E-20	0.1951473285091E+00	0.7818316737124E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 36	0.20000000E+00 4		
0.1014989040661E+06	0.6829174333495E-20	0.1951472360816E+00	0.7818317840692E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 37	0.20000000E+00 4		
0.1014989040669E+06	0.9370284371254E-20	0.1951473220247E+00	0.7818316814076E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 38	0.20000000E+00 4		
0.1014989040669E+06	0.2964595618744E-20	0.1951473164898E+00	0.7818316879843E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 39	0.20000000E+00 4		
0.1014989040669E+06	0.2646975143540E-20	0.1951473217005E+00	0.7818316817936E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 40	0.20000000E+00 4		
0.1014989040669E+06	0.1376423666994E-19	0.1951473218585E+00	0.7818316816056E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 41	0.20000000E+00 4		
0.1014989040670E+06	0.1132899815289E-19	0.1951473232452E+00	0.7818316802060E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 42	0.20000000E+00 4		
0.1014989040669E+06	0.1027023361917E-19	0.1951473182986E+00	0.7818316860961E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 43	0.20000000E+00 4		
0.1014989040671E+06	0.2329327884235E-19	0.1951473416576E+00	0.7818316580229E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 44	0.20000000E+00 4		
0.1014989040670E+06	0.3176351885318E-20	0.1951473233862E+00	0.7818316800375E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 45	0.20000000E+00 4		
0.1014989040669E+06	0.2858723967422E-20	0.1951473102388E+00	0.7818316956965E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 46	0.20000000E+00 4		
0.1014989040672E+06	0.5664507843664E-20	0.1951473424322E+00	0.7818316573521E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 47	0.20000000E+00 4		
0.1014989040670E+06	0.6088030168908E-20	0.1951473233939E+00	0.7818316800287E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 48	0.20000000E+00 4		
0.1014989040670E+06	0.3493977646109E-20	0.1951473232324E+00	0.7818316802211E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 49	0.20000000E+00 4		
0.1014989040669E+06	0.7305615176548E-20	0.1951473154642E+00	0.7818316894734E+00
0.2250024008274E+00	0.2000000000000E+02		
AI 50	0.20000000E+00 4		
0.1014989040671E+06	0.9793785546475E-20	0.1951473297922E+00	0.7818316724079E+00
0.2250024008274E+00	0.2000000000000E+02		



# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl(11a 9/29/2011, 8:35:26AM

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AI 51      0.20000000E+00 4
0.1014989040670E+06 0.1027020849332E-19 0.1951473200799E+00 0.7818316839757E+00
0.2250024008274E+00 0.20000000000000E+02
AI 52      0.20000000E+00 4
0.1014989040670E+06 0.2699903227015E-20 0.1951473222190E+00 0.7818316814284E+00
0.2250024008274E+00 0.20000000000000E+02
AI 53      0.20000000E+00 4
0.1014989040670E+06 0.1021731950772E-19 0.1951473237452E+00 0.7818316796102E+00
0.2250024008274E+00 0.20000000000000E+02
AI 54      0.20000000E+00 4
0.1014989040670E+06 0.1651707861135E-19 0.1951473235063E+00 0.7818316798948E+00
0.2250024008274E+00 0.20000000000000E+02
AI 55      0.20000000E+00 4
0.1014989040670E+06 0.5293798268336E-21 0.1951473232596E+00 0.7818316801886E+00
0.2250024008274E+00 0.20000000000000E+02
AI 56      0.20000000E+00 4
0.1014989040670E+06 0.3388124315907E-20 0.1951473232845E+00 0.7818316801589E+00
0.2250024008274E+00 0.20000000000000E+02
AI 57      0.20000000E+00 4
0.1014989040670E+06 0.1042905424005E-19 0.1951473232262E+00 0.7818316802287E+00
0.2250024008274E+00 0.20000000000000E+02
AI 58      0.20000000E+00 4
0.1014989040670E+06 0.5664512705388E-20 0.1951473232801E+00 0.7818316801641E+00
0.2250024008274E+00 0.20000000000000E+02
AI 59      0.20000000E+00 4
0.1014989040670E+06 0.3705753631322E-19 0.1951473232363E+00 0.7818316802164E+00
0.2250024008274E+00 0.20000000000000E+02
AI 60      0.20000000E+00 4
0.1014989040670E+06 0.2636379683633E-19 0.1951473230507E+00 0.7818316804375E+00
0.2250024008274E+00 0.20000000000000E+02
AI 61      0.20000000E+00 4
0.1014989040670E+06 0.6405663929815E-20 0.1951473228197E+00 0.7818316807128E+00
0.2250024008274E+00 0.20000000000000E+02
AI 62      0.20000000E+00 4
0.1014989040677E+06 0.4976304647944E-20 0.1951473979732E+00 0.7818315909655E+00
0.2250024008274E+00 0.20000000000000E+02
AJ 1       0.20000000E+00 4
0.1015223301801E+06 0.4875726752667E-19 0.1951829521733E+00 0.7817971938037E+00
0.2250024029480E+00 0.20000000000000E+02
AJ 2       0.20000000E+00 4
0.1015223300259E+06 0.5651296783055E-19 0.1951688831911E+00 0.7818142624318E+00
0.2250024029503E+00 0.20000000000000E+02
AJ 3       0.20000000E+00 4
0.1015223299711E+06 0.5458065352542E-19 0.1951637888750E+00 0.7818204057027E+00
0.2250024029509E+00 0.20000000000000E+02
AJ 4       0.20000000E+00 4
0.1015223299650E+06 0.6466565834013E-19 0.1951632021746E+00 0.7818211135343E+00
0.2250024029509E+00 0.20000000000000E+02
AJ 5       0.20000000E+00 4
0.1015223299605E+06 0.5511003829847E-19 0.1951627640789E+00 0.7818216417179E+00
0.2250024029510E+00 0.20000000000000E+02
AJ 6       0.20000000E+00 4
0.1015223299435E+06 0.4579260875012E-19 0.1951611813149E+00 0.7818235457531E+00
0.2250024029511E+00 0.20000000000000E+02
AJ 7       0.20000000E+00 4
0.1015223299495E+06 0.8258537026323E-20 0.1951617498511E+00 0.7818228622034E+00
0.2250024029511E+00 0.20000000000000E+02
AJ 8       0.20000000E+00 4
0.1015223299813E+06 0.9740869433106E-20 0.1951647242301E+00 0.7818192814157E+00

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250024029508E+00 0.20000000000000E+02
AJ 9      0.200000000E+00 4
0.1015223299509E+06 0.1844939453943E-19 0.1951619047070E+00 0.7818226756997E+00
0.2250024029511E+00 0.20000000000000E+02
AJ 10     0.200000000E+00 4
0.1015223299689E+06 0.6011268574887E-19 0.1951635488278E+00 0.7818206951951E+00
0.2250024029509E+00 0.20000000000000E+02
AJ 11     0.200000000E+00 4
0.1015223300013E+06 0.8549736398417E-20 0.1951665385017E+00 0.7818170932525E+00
0.2250024029506E+00 0.20000000000000E+02
AJ 12     0.200000000E+00 4
0.1015223299588E+06 0.6776243202429E-20 0.1951625688300E+00 0.7818218755108E+00
0.2250024029510E+00 0.20000000000000E+02
AJ 13     0.200000000E+00 4
0.1015223299595E+06 0.8390886602667E-20 0.1951626184656E+00 0.7818218187947E+00
0.2250024029510E+00 0.20000000000000E+02
AJ 14     0.200000000E+00 4
0.1015223299643E+06 0.4063100916347E-19 0.1951630323669E+00 0.7818213204437E+00
0.2250024029510E+00 0.20000000000000E+02
AJ 15     0.200000000E+00 4
0.1015223299579E+06 0.3171076477819E-19 0.1951624196573E+00 0.7818220574312E+00
0.2250024029510E+00 0.20000000000000E+02
AJ 16     0.200000000E+00 4
0.1015223299521E+06 0.1784048914683E-19 0.1951619050440E+00 0.7818226797909E+00
0.2250024029511E+00 0.20000000000000E+02
AJ 17     0.200000000E+00 4
0.1015223299644E+06 0.1267900549564E-19 0.1951630249183E+00 0.7818213300803E+00
0.2250024029510E+00 0.20000000000000E+02
AJ 18     0.200000000E+00 4
0.1015223299671E+06 0.1024377592862E-19 0.1951632723748E+00 0.7818210317291E+00
0.2250024029509E+00 0.20000000000000E+02
AJ 19     0.200000000E+00 4
0.1015223299547E+06 0.4791009627717E-20 0.1951621581206E+00 0.7818223755188E+00
0.2250024029511E+00 0.20000000000000E+02
AJ 20     0.200000000E+00 4
0.1015223299725E+06 0.7940929019396E-20 0.1951637741532E+00 0.7818204254151E+00
0.2250024029509E+00 0.20000000000000E+02
AJ 21     0.200000000E+00 4
0.1015223299671E+06 0.3425187172498E-19 0.1951632991989E+00 0.7818209982957E+00
0.2250024029509E+00 0.20000000000000E+02
AJ 22     0.200000000E+00 4
0.1015223299654E+06 0.1384361154962E-19 0.1951631301377E+00 0.7818212029233E+00
0.2250024029510E+00 0.20000000000000E+02
AJ 23     0.200000000E+00 4
0.1015223299662E+06 0.1252010744951E-19 0.1951632018602E+00 0.7818211162907E+00
0.2250024029509E+00 0.20000000000000E+02
AJ 24     0.200000000E+00 4
0.1015223299666E+06 0.1302304417815E-19 0.1951632374447E+00 0.7818210733772E+00
0.2250024029509E+00 0.20000000000000E+02
AJ 25     0.200000000E+00 4
0.1015223299659E+06 0.7385019918762E-20 0.1951631754330E+00 0.7818211481529E+00
0.2250024029509E+00 0.20000000000000E+02
AJ 26     0.200000000E+00 4
0.1015223299665E+06 0.4224564409592E-19 0.1951632292120E+00 0.7818210831096E+00
0.2250024029509E+00 0.20000000000000E+02
AJ 27     0.200000000E+00 4
0.1015223299653E+06 0.1437306769923E-19 0.1951631144794E+00 0.7818212214616E+00
0.2250024029510E+00 0.20000000000000E+02
AJ 28     0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
 J1a 9/29/2011, 8:35:26AM

0.1015223299661E+06	0.2030223234147E-19	0.1951631989191E+00	0.7818211194849E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 29	0.20000000E+00 4		
0.1015223299665E+06	0.4314551013685E-20	0.1951632326607E+00	0.7818210791981E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 30	0.20000000E+00 4		
0.1015223299668E+06	0.3917500329611E-20	0.1951632572606E+00	0.7818210495502E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 31	0.20000000E+00 4		
0.1015223299662E+06	0.4764397492993E-21	0.1951632020841E+00	0.7818211159299E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 32	0.20000000E+00 4		
0.1015223299658E+06	0.1225545754750E-19	0.1951631622930E+00	0.7818211641386E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 33	0.20000000E+00 4		
0.1015223299664E+06	0.8417337329291E-20	0.1951632221900E+00	0.7818210918031E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 34	0.20000000E+00 4		
0.1015223299675E+06	0.1217607482366E-19	0.1951633291794E+00	0.7818209627406E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 35	0.20000000E+00 4		
0.1015223299664E+06	0.2646960678441E-20	0.1951632214111E+00	0.7818210927192E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 36	0.20000000E+00 4		
0.1015223299655E+06	0.4155731752173E-20	0.1951631345069E+00	0.7818211975527E+00
0.2250024029510E+00	0.2000000000000E+02		
AJ 37	0.20000000E+00 4		
0.1015223299664E+06	0.7782101098635E-20	0.1951632152756E+00	0.7818211000655E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 38	0.20000000E+00 4		
0.1015223299663E+06	0.1217594934544E-20	0.1951632100491E+00	0.7818211063337E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 39	0.20000000E+00 4		
0.1015223299664E+06	0.2249928892437E-20	0.1951632149704E+00	0.7818211004325E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 40	0.20000000E+00 4		
0.1015223299664E+06	0.8629105526605E-20	0.1951632151193E+00	0.7818211002536E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 41	0.20000000E+00 4		
0.1015223299664E+06	0.6008585409023E-20	0.1951632164259E+00	0.7818210989341E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 42	0.20000000E+00 4		
0.1015223299664E+06	0.6723288458769E-20	0.1951632117712E+00	0.7818211045322E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 43	0.20000000E+00 4		
0.1015223299666E+06	0.1312890369853E-19	0.1951632337407E+00	0.7818210778487E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 44	0.20000000E+00 4		
0.1015223299664E+06	0.1429353537585E-20	0.1951632165578E+00	0.7818210987747E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 45	0.20000000E+00 4		
0.1015223299663E+06	0.1429357674569E-20	0.1951632041915E+00	0.7818211136525E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 46	0.20000000E+00 4		
0.1015223299666E+06	0.4526313327688E-20	0.1951632344712E+00	0.7818210772219E+00
0.2250024029509E+00	0.2000000000000E+02		
AJ 47	0.20000000E+00 4		
0.1015223299664E+06	0.4526316071428E-20	0.1951632165656E+00	0.7818210987658E+00
0.2250024029509E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
 11a 9/29/2011, 8:35:26AM

AJ 48 0.20000000E+00 4  
 0.1015223299664E+06 0.1323460993774E-20 0.1951632164138E+00 0.7818210989485E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AJ 49 0.20000000E+00 4  
 0.1015223299663E+06 0.3891020816771E-20 0.1951632091071E+00 0.7818211077393E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AJ 50 0.20000000E+00 4  
 0.1015223299665E+06 0.6458598973662E-20 0.1951632225836E+00 0.7818210915253E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AJ 51 0.20000000E+00 4  
 0.1015223299664E+06 0.5320368690901E-20 0.1951632134484E+00 0.7818211025161E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AJ 52 0.20000000E+00 4  
 0.1015223299664E+06 0.2144042630790E-20 0.1951632154607E+00 0.7818211000954E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AJ 53 0.20000000E+00 4  
 0.1015223299664E+06 0.8126208698485E-20 0.1951632168959E+00 0.7818210983683E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AJ 54 0.20000000E+00 4  
 0.1015223299664E+06 0.9820232602786E-20 0.1951632166712E+00 0.7818210986386E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AJ 55 0.20000000E+00 4  
 0.1015223299664E+06 0.9999428271259E-30 0.1951632164392E+00 0.7818210989178E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AJ 56 0.20000000E+00 4  
 0.1015223299664E+06 0.2699910898894E-20 0.1951632164625E+00 0.7818210988897E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AJ 57 0.20000000E+00 4  
 0.1015223299664E+06 0.5690969952096E-20 0.1951632164081E+00 0.7818210989556E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AJ 58 0.20000000E+00 4  
 0.1015223299664E+06 0.2805778765415E-20 0.1951632164584E+00 0.7818210988946E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AJ 59 0.20000000E+00 4  
 0.1015223299664E+06 0.2363737948514E-19 0.1951632164171E+00 0.7818210989442E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AJ 60 0.20000000E+00 4  
 0.1015223299664E+06 0.1736408948862E-19 0.1951632162426E+00 0.7818210991543E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AJ 61 0.20000000E+00 4  
 0.1015223299664E+06 0.3705749854049E-20 0.1951632160255E+00 0.7818210994157E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AJ 62 0.20000000E+00 4  
 0.1015223299671E+06 0.3917515211722E-20 0.1951632867336E+00 0.7818210141138E+00  
 0.2250024029509E+00 0.20000000000000E+02  
 AK 1 0.20000000E+00 4  
 0.1015457615913E+06 0.4449564541714E-19 0.1952016228151E+00 0.7817838338793E+00  
 0.2250024050745E+00 0.20000000000000E+02  
 AK 2 0.20000000E+00 4  
 0.1015457614346E+06 0.5534829970022E-19 0.1951886361259E+00 0.7817998202075E+00  
 0.2250024050785E+00 0.20000000000000E+02  
 AK 3 0.20000000E+00 4  
 0.1015457613789E+06 0.5288659443444E-19 0.1951839309508E+00 0.7818055743341E+00  
 0.2250024050797E+00 0.20000000000000E+02  
 AK 4 0.20000000E+00 4  
 0.1015457613728E+06 0.6424214393034E-19 0.1951833893162E+00 0.7818062370995E+00  
 0.2250024050798E+00 0.20000000000000E+02  
 AK 5 0.20000000E+00 4  
 0.1015457613681E+06 0.5082193999831E-19 0.1951829847519E+00 0.7818067317514E+00

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250024050799E+00 0.20000000000000E+02
AK 6 0.200000000E+00 4
0.1015457613508E+06 0.3787816247395E-19 0.1951815230906E+00 0.7818085146829E+00
0.2250024050803E+00 0.20000000000000E+02
AK 7 0.200000000E+00 4
0.1015457613570E+06 0.6061551754771E-20 0.1951820484867E+00 0.7818078742735E+00
0.2250024050802E+00 0.20000000000000E+02
AK 8 0.200000000E+00 4
0.1015457613893E+06 0.9529112793529E-20 0.1951847957802E+00 0.7818045205740E+00
0.2250024050795E+00 0.20000000000000E+02
AK 9 0.200000000E+00 4
0.1015457613584E+06 0.1622594066448E-19 0.1951821921238E+00 0.7818076989887E+00
0.2250024050801E+00 0.20000000000000E+02
AK 10 0.200000000E+00 4
0.1015457613767E+06 0.4751310077398E-19 0.1951837083182E+00 0.7818058464120E+00
0.2250024050798E+00 0.20000000000000E+02
AK 11 0.200000000E+00 4
0.1015457614097E+06 0.8920314408353E-20 0.1951864690111E+00 0.7818024734517E+00
0.2250024050791E+00 0.20000000000000E+02
AK 12 0.200000000E+00 4
0.1015457613664E+06 0.5002771652851E-20 0.1951828022977E+00 0.7818069527497E+00
0.2250024050800E+00 0.20000000000000E+02
AK 13 0.200000000E+00 4
0.1015457613672E+06 0.6829175161781E-20 0.1951828494606E+00 0.7818068985059E+00
0.2250024050800E+00 0.20000000000000E+02
AK 14 0.200000000E+00 4
0.1015457613721E+06 0.3430474958128E-19 0.1951832302671E+00 0.7818064332500E+00
0.2250024050799E+00 0.20000000000000E+02
AK 15 0.200000000E+00 4
0.1015457613656E+06 0.2879909425619E-19 0.1951826634897E+00 0.7818071243051E+00
0.2250024050800E+00 0.20000000000000E+02
AK 16 0.200000000E+00 4
0.1015457613597E+06 0.8681970536488E-20 0.1951821914222E+00 0.7818077041185E+00
0.2250024050802E+00 0.20000000000000E+02
AK 17 0.200000000E+00 4
0.1015457613722E+06 0.1156727807259E-19 0.1951832232863E+00 0.7818064424188E+00
0.2250024050799E+00 0.20000000000000E+02
AK 18 0.200000000E+00 4
0.1015457613750E+06 0.8205607805960E-20 0.1951834514197E+00 0.7818061633909E+00
0.2250024050798E+00 0.20000000000000E+02
AK 19 0.200000000E+00 4
0.1015457613624E+06 0.4393966366573E-20 0.1951824256073E+00 0.7818074187381E+00
0.2250024050801E+00 0.20000000000000E+02
AK 20 0.200000000E+00 4
0.1015457613804E+06 0.7861521120960E-20 0.1951839134142E+00 0.7818055968611E+00
0.2250024050797E+00 0.20000000000000E+02
AK 21 0.200000000E+00 4
0.1015457613750E+06 0.3279603742394E-19 0.1951834763251E+00 0.7818061318762E+00
0.2250024050798E+00 0.20000000000000E+02
AK 22 0.200000000E+00 4
0.1015457613732E+06 0.8761428567219E-20 0.1951833207400E+00 0.7818063230277E+00
0.2250024050799E+00 0.20000000000000E+02
AK 23 0.200000000E+00 4
0.1015457613740E+06 0.5293874357262E-20 0.1951833865580E+00 0.7818062422995E+00
0.2250024050798E+00 0.20000000000000E+02
AK 24 0.200000000E+00 4
0.1015457613745E+06 0.6087977721455E-20 0.1951834193053E+00 0.7818062022232E+00
0.2250024050798E+00 0.20000000000000E+02
AK 25 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
 J1a 9/29/2011, 8:35:26AM

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 0.2250024050799E+00 0.2000000000000E+02  
 AK 26 0.20000000E+00 4  
 0.1015457613743E+06 0.3348416686539E-19 0.1951834118002E+00 0.7818062112281E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 27 0.20000000E+00 4  
 0.1015457613731E+06 0.1156727509278E-19 0.1951833058769E+00 0.7818063407706E+00  
 0.2250024050799E+00 0.2000000000000E+02  
 AK 28 0.20000000E+00 4  
 0.1015457613740E+06 0.1384362030347E-19 0.1951833837166E+00 0.7818062453940E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 29 0.20000000E+00 4  
 0.1015457613744E+06 0.2673428957236E-20 0.1951834149704E+00 0.7818062075950E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 30 0.20000000E+00 4  
 0.1015457613747E+06 0.1667574311472E-20 0.1951834376341E+00 0.7818061798834E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 31 0.20000000E+00 4  
 0.1015457613741E+06 0.5558537140649E-21 0.1951833866446E+00 0.7818062420761E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 32 0.20000000E+00 4  
 0.1015457613737E+06 0.8284999151927E-20 0.1951833499906E+00 0.7818062871476E+00  
 0.2250024050799E+00 0.2000000000000E+02  
 AK 33 0.20000000E+00 4  
 0.1015457613743E+06 0.4896865305916E-20 0.1951834053053E+00 0.7818062193945E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 34 0.20000000E+00 4  
 0.1015457613754E+06 0.9555569963342E-20 0.1951835040493E+00 0.7818060985774E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 35 0.20000000E+00 4  
 0.1015457613743E+06 0.1191125569651E-20 0.1951834045581E+00 0.7818062202789E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 36 0.20000000E+00 4  
 0.1015457613734E+06 0.2779307298957E-20 0.1951833242969E+00 0.7818063184692E+00  
 0.2250024050799E+00 0.2000000000000E+02  
 AK 37 0.20000000E+00 4  
 0.1015457613742E+06 0.6167447264813E-20 0.1951833988421E+00 0.7818062272056E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 38 0.20000000E+00 4  
 0.1015457613742E+06 0.7146719229680E-21 0.1951833939867E+00 0.7818062331028E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 39 0.20000000E+00 4  
 0.1015457613742E+06 0.1614654596759E-20 0.1951833985599E+00 0.7818062275496E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 40 0.20000000E+00 4  
 0.1015457613742E+06 0.4526295876993E-20 0.1951833986977E+00 0.7818062273818E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 41 0.20000000E+00 4  
 0.1015457613743E+06 0.2541055297971E-20 0.1951833999081E+00 0.7818062261586E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 42 0.20000000E+00 4  
 0.1015457613742E+06 0.4182195214831E-20 0.1951833956045E+00 0.7818062314056E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 43 0.20000000E+00 4  
 0.1015457613744E+06 0.5955611655322E-20 0.1951834159026E+00 0.7818062063934E+00  
 0.2250024050798E+00 0.2000000000000E+02  
 AK 44 0.20000000E+00 4  
 0.1015457613743E+06 0.9999428271259E-30 0.1951834000291E+00 0.7818062260101E+00  
 0.2250024050798E+00 0.2000000000000E+02

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl(11a 9/29/2011, 8:35:26AM

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0.2250024050798E+00 0.20000000000000E+02  
AK 46 0.20000000E+00 4  
0.1015457613745E+06 0.3996921222067E-20 0.1951834165801E+00 0.7818062058196E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 47 0.20000000E+00 4  
0.1015457613743E+06 0.2488145927693E-20 0.1951834000369E+00 0.7818062260011E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 48 0.20000000E+00 4  
0.1015457613743E+06 0.9999428271259E-30 0.1951833998967E+00 0.7818062261723E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 49 0.20000000E+00 4  
0.1015457613742E+06 0.1508747163836E-20 0.1951833931452E+00 0.7818062344078E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 50 0.20000000E+00 4  
0.1015457613743E+06 0.3176350701920E-20 0.1951834055975E+00 0.7818062192181E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 51 0.20000000E+00 4  
0.1015457613742E+06 0.3176325943205E-20 0.1951833971563E+00 0.7818062295147E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 52 0.20000000E+00 4  
0.1015457613743E+06 0.9264350729999E-21 0.1951833990163E+00 0.7818062272464E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 53 0.20000000E+00 4  
0.1015457613743E+06 0.5055716045481E-20 0.1951834003419E+00 0.7818062256289E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 54 0.20000000E+00 4  
0.1015457613743E+06 0.3838070648701E-20 0.1951834001345E+00 0.7818062258821E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 55 0.20000000E+00 4  
0.1015457613743E+06 0.1000039123623E-29 0.1951833999200E+00 0.7818062261436E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 56 0.20000000E+00 4  
0.1015457613743E+06 0.2964609575649E-20 0.1951833999414E+00 0.7818062261174E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 57 0.20000000E+00 4  
0.1015457613743E+06 0.3096936889842E-20 0.1951833998918E+00 0.7818062261786E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 58 0.20000000E+00 4  
0.1015457613743E+06 0.1058775662484E-20 0.1951833999376E+00 0.7818062261220E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 59 0.20000000E+00 4  
0.1015457613743E+06 0.1349947474362E-19 0.1951833998995E+00 0.7818062261685E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 60 0.20000000E+00 4  
0.1015457613743E+06 0.1130252564411E-19 0.1951833997383E+00 0.7818062263653E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 61 0.20000000E+00 4  
0.1015457613743E+06 0.1535230723668E-20 0.1951833995379E+00 0.7818062266099E+00  
0.2250024050798E+00 0.20000000000000E+02  
AK 62 0.20000000E+00 4  
0.1015457613750E+06 0.3282242294930E-20 0.1951834648991E+00 0.7818061466551E+00  
0.2250024050798E+00 0.20000000000000E+02  
AL 1 0.20000000E+00 4  
0.1015691985174E+06 0.4310599410614E-19 0.1952223649329E+00 0.7817684012857E+00  
0.2250024072039E+00 0.20000000000000E+02  
AL 2 0.20000000E+00 4  
0.1015691983620E+06 0.5511007399985E-19 0.1952106323894E+00 0.7817831334571E+00

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250024072099E+00 0.20000000000000E+02
AL 3      0.200000000E+00 4
0.1015691983067E+06 0.4986904455592E-19 0.1952063778172E+00 0.7817884369759E+00
0.2250024072118E+00 0.20000000000000E+02
AL 4      0.200000000E+00 4
0.1015691983007E+06 0.6262748940977E-19 0.1952058883532E+00 0.7817890475701E+00
0.2250024072120E+00 0.20000000000000E+02
AL 5      0.200000000E+00 4
0.1015691982961E+06 0.5058371823717E-19 0.1952055226043E+00 0.7817895034060E+00
0.2250024072122E+00 0.20000000000000E+02
AL 6      0.200000000E+00 4
0.1015691982789E+06 0.3246511148329E-19 0.1952042011194E+00 0.7817911461594E+00
0.2250024072128E+00 0.20000000000000E+02
AL 7      0.200000000E+00 4
0.1015691982850E+06 0.3745451566511E-20 0.1952046765830E+00 0.7817905556831E+00
0.2250024072126E+00 0.20000000000000E+02
AL 8      0.200000000E+00 4
0.1015691983171E+06 0.9859986493565E-20 0.1952071609970E+00 0.7817874648667E+00
0.2250024072115E+00 0.20000000000000E+02
AL 9      0.200000000E+00 4
0.1015691982864E+06 0.1115698450956E-19 0.1952048072343E+00 0.7817903933842E+00
0.2250024072125E+00 0.20000000000000E+02
AL 10     0.200000000E+00 4
0.1015691983046E+06 0.3781195843180E-19 0.1952061753452E+00 0.7817886888931E+00
0.2250024072119E+00 0.20000000000000E+02
AL 11     0.200000000E+00 4
0.1015691983374E+06 0.8139455923437E-20 0.1952086709189E+00 0.7817855810544E+00
0.2250024072108E+00 0.20000000000000E+02
AL 12     0.200000000E+00 4
0.1015691982944E+06 0.5492465778356E-20 0.1952053549618E+00 0.7817897095926E+00
0.2250024072123E+00 0.20000000000000E+02
AL 13     0.200000000E+00 4
0.1015691982952E+06 0.5373343055374E-20 0.1952053992615E+00 0.7817896582118E+00
0.2250024072123E+00 0.20000000000000E+02
AL 14     0.200000000E+00 4
0.1015691983001E+06 0.2926227471992E-19 0.1952057417578E+00 0.7817892312664E+00
0.2250024072121E+00 0.20000000000000E+02
AL 15     0.200000000E+00 4
0.1015691982937E+06 0.2451099466124E-19 0.1952052281512E+00 0.7817898691503E+00
0.2250024072123E+00 0.20000000000000E+02
AL 16     0.200000000E+00 4
0.1015691982878E+06 0.4063019439782E-20 0.1952048053309E+00 0.7817903997159E+00
0.2250024072125E+00 0.20000000000000E+02
AL 17     0.200000000E+00 4
0.1015691983003E+06 0.9357054254339E-20 0.1952057353185E+00 0.7817892398937E+00
0.2250024072121E+00 0.20000000000000E+02
AL 18     0.200000000E+00 4
0.1015691983030E+06 0.5174823177984E-20 0.1952059410831E+00 0.7817889832349E+00
0.2250024072120E+00 0.20000000000000E+02
AL 19     0.200000000E+00 4
0.1015691982905E+06 0.2104334045051E-20 0.1952050176488E+00 0.7817901362029E+00
0.2250024072124E+00 0.20000000000000E+02
AL 20     0.200000000E+00 4
0.1015691983084E+06 0.3758706090362E-20 0.1952063570212E+00 0.7817884627619E+00
0.2250024072118E+00 0.20000000000000E+02
AL 21     0.200000000E+00 4
0.1015691983029E+06 0.2887851330558E-19 0.1952059637675E+00 0.7817889539413E+00
0.2250024072120E+00 0.20000000000000E+02
AL 22     0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

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0.2250024072121E+00	0.2000000000000E+02		
AL 23	0.20000000E+00 4		
0.1015691983020E+06	0.4393919245220E-20	0.1952058827655E+00	0.7817890555993E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 24	0.20000000E+00 4		
0.1015691983024E+06	0.3692477764807E-20	0.1952059122282E+00	0.7817890188077E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 25	0.20000000E+00 4		
0.1015691983017E+06	0.1601390638071E-20	0.1952058608637E+00	0.7817890829360E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 26	0.20000000E+00 4		
0.1015691983023E+06	0.2848139942122E-19	0.1952059055654E+00	0.7817890269702E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 27	0.20000000E+00 4		
0.1015691983011E+06	0.5108653041650E-20	0.1952058098402E+00	0.7817891463147E+00
0.2250024072121E+00	0.2000000000000E+02		
AL 28	0.20000000E+00 4		
0.1015691983020E+06	0.8059988279224E-20	0.1952058800394E+00	0.7817890585785E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 29	0.20000000E+00 4		
0.1015691983024E+06	0.7808434460483E-21	0.1952059084134E+00	0.7817890236594E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 30	0.20000000E+00 4		
0.1015691983026E+06	0.6484923745058E-21	0.1952059288356E+00	0.7817889981893E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 31	0.20000000E+00 4		
0.1015691983020E+06	0.8602593458666E-21	0.1952058826931E+00	0.7817890555349E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 32	0.20000000E+00 4		
0.1015691983017E+06	0.5479211373066E-20	0.1952058496708E+00	0.7817890969747E+00
0.2250024072121E+00	0.2000000000000E+02		
AL 33	0.20000000E+00 4		
0.1015691983023E+06	0.1799910247283E-20	0.1952058996807E+00	0.7817890345264E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 34	0.20000000E+00 4		
0.1015691983034E+06	0.8324728412077E-20	0.1952059888796E+00	0.7817889232547E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 35	0.20000000E+00 4		
0.1015691983023E+06	0.2091100669096E-20	0.1952058989701E+00	0.7817890353742E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 36	0.20000000E+00 4		
0.1015691983014E+06	0.1985217344462E-20	0.1952058263992E+00	0.7817891258742E+00
0.2250024072121E+00	0.2000000000000E+02		
AL 37	0.20000000E+00 4		
0.1015691983022E+06	0.3613115845474E-20	0.1952058937399E+00	0.7817890418151E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 38	0.20000000E+00 4		
0.1015691983021E+06	0.2276391170819E-20	0.1952058893140E+00	0.7817890472828E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 39	0.20000000E+00 4		
0.1015691983022E+06	0.1786708563399E-20	0.1952058934843E+00	0.7817890421326E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 40	0.20000000E+00 4		
0.1015691983022E+06	0.2858706040460E-20	0.1952058936094E+00	0.7817890419775E+00
0.2250024072120E+00	0.2000000000000E+02		
AL 41	0.20000000E+00 4		
0.1015691983023E+06	0.1892555092688E-20	0.1952058947082E+00	0.7817890408658E+00
0.2250024072120E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl(11a 9/29/2011, 8:35:26AM

AL 42 0.20000000E+00 4  
0.1015691983022E+06 0.1124941462055E-20 0.1952058908111E+00 0.7817890457063E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 43 0.20000000E+00 4  
0.1015691983024E+06 0.4751254420202E-20 0.1952059091743E+00 0.7817890226290E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 44 0.20000000E+00 4  
0.1015691983023E+06 0.1000039123623E-29 0.1952058948166E+00 0.7817890407299E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 45 0.20000000E+00 4  
0.1015691983021E+06 0.5955629385091E-21 0.1952058844772E+00 0.7817890535808E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 46 0.20000000E+00 4  
0.1015691983025E+06 0.2911663030512E-20 0.1952059097905E+00 0.7817890221165E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 47 0.20000000E+00 4  
0.1015691983023E+06 0.1000039123623E-29 0.1952058948245E+00 0.7817890407209E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 48 0.20000000E+00 4  
0.1015691983023E+06 0.9999428271259E-30 0.1952058946977E+00 0.7817890408786E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 49 0.20000000E+00 4  
0.1015691983022E+06 0.2474900263538E-20 0.1952058885889E+00 0.7817890484715E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 50 0.20000000E+00 4  
0.1015691983023E+06 0.2038154243348E-20 0.1952058998555E+00 0.7817890344674E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 51 0.20000000E+00 4  
0.1015691983022E+06 0.3837740534701E-21 0.1952058922178E+00 0.7817890439606E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 52 0.20000000E+00 4  
0.1015691983023E+06 0.5293898857797E-21 0.1952058939015E+00 0.7817890418686E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 53 0.20000000E+00 4  
0.1015691983023E+06 0.2448444524546E-20 0.1952058951002E+00 0.7817890403779E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 54 0.20000000E+00 4  
0.1015691983023E+06 0.2885167091250E-20 0.1952058949126E+00 0.7817890406112E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 55 0.20000000E+00 4  
0.1015691983023E+06 0.9999909753745E-30 0.1952058947186E+00 0.7817890408524E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 56 0.20000000E+00 4  
0.1015691983023E+06 0.1561712107316E-20 0.1952058947378E+00 0.7817890408283E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 57 0.20000000E+00 4  
0.1015691983023E+06 0.2938123190622E-20 0.1952058946936E+00 0.7817890408841E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 58 0.20000000E+00 4  
0.1015691983023E+06 0.2249799213165E-21 0.1952058947343E+00 0.7817890408326E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 59 0.20000000E+00 4  
0.1015691983023E+06 0.5532092858565E-20 0.1952058946999E+00 0.7817890408755E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 60 0.20000000E+00 4  
0.1015691983023E+06 0.4063055384127E-20 0.1952058945540E+00 0.7817890410569E+00  
0.2250024072120E+00 0.20000000000000E+02

AL 61 0.20000000E+00 4  
0.1015691983023E+06 0.1985219589396E-20 0.1952058943730E+00 0.7817890412822E+00

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250024072120E+00 0.20000000000000E+02
AL 62 0.200000000E+00 4
0.1015691983030E+06 0.7279104346159E-21 0.1952059535445E+00 0.7817889675171E+00
0.2250024072120E+00 0.20000000000000E+02
AM 1 0.200000000E+00 4
0.1015926409648E+06 0.4114724261570E-19 0.1952441743203E+00 0.7817519002284E+00
0.2250024093417E+00 0.20000000000000E+02
AM 2 0.200000000E+00 4
0.1015926408149E+06 0.5383290943743E-19 0.1952338241443E+00 0.7817652500185E+00
0.2250024093499E+00 0.20000000000000E+02
AM 3 0.200000000E+00 4
0.1015926407615E+06 0.4857864754789E-19 0.1952300670283E+00 0.7817700560752E+00
0.2250024093525E+00 0.20000000000000E+02
AM 4 0.200000000E+00 4
0.1015926407556E+06 0.6328261849001E-19 0.1952296351839E+00 0.7817706090489E+00
0.2250024093529E+00 0.20000000000000E+02
AM 5 0.200000000E+00 4
0.1015926407513E+06 0.4859849132197E-19 0.1952293123075E+00 0.7817710220117E+00
0.2250024093531E+00 0.20000000000000E+02
AM 6 0.200000000E+00 4
0.1015926407347E+06 0.3055930740392E-19 0.1952281456744E+00 0.7817725099113E+00
0.2250024093539E+00 0.20000000000000E+02
AM 7 0.200000000E+00 4
0.1015926407406E+06 0.3553551255463E-20 0.1952285659738E+00 0.7817719745999E+00
0.2250024093536E+00 0.20000000000000E+02
AM 8 0.200000000E+00 4
0.1015926407716E+06 0.1081952241353E-19 0.1952307600410E+00 0.7817691741344E+00
0.2250024093521E+00 0.20000000000000E+02
AM 9 0.200000000E+00 4
0.1015926407419E+06 0.9912911534603E-20 0.1952286822795E+00 0.7817718266468E+00
0.2250024093535E+00 0.20000000000000E+02
AM 10 0.200000000E+00 4
0.1015926407594E+06 0.3490693399638E-19 0.1952298868222E+00 0.7817702857262E+00
0.2250024093527E+00 0.20000000000000E+02
AM 11 0.200000000E+00 4
0.1015926407911E+06 0.7702704957472E-20 0.1952320896524E+00 0.7817674706344E+00
0.2250024093511E+00 0.20000000000000E+02
AM 12 0.200000000E+00 4
0.1015926407496E+06 0.4645435819335E-20 0.1952291610265E+00 0.7817712118368E+00
0.2250024093532E+00 0.20000000000000E+02
AM 13 0.200000000E+00 4
0.1015926407505E+06 0.5552020078953E-20 0.1952292021626E+00 0.7817711636194E+00
0.2250024093532E+00 0.20000000000000E+02
AM 14 0.200000000E+00 4
0.1015926407553E+06 0.2768072452639E-19 0.1952295023435E+00 0.7817707789899E+00
0.2250024093530E+00 0.20000000000000E+02
AM 15 0.200000000E+00 4
0.1015926407491E+06 0.2286325568485E-19 0.1952290474678E+00 0.7817713581423E+00
0.2250024093533E+00 0.20000000000000E+02
AM 16 0.200000000E+00 4
0.1015926407434E+06 0.1118283317899E-20 0.1952286790485E+00 0.7817718343061E+00
0.2250024093536E+00 0.20000000000000E+02
AM 17 0.200000000E+00 4
0.1015926407554E+06 0.8007098011868E-20 0.1952294965022E+00 0.7817707870192E+00
0.2250024093530E+00 0.20000000000000E+02
AM 18 0.200000000E+00 4
0.1015926407580E+06 0.2772696035834E-20 0.1952296775605E+00 0.7817705550670E+00
0.2250024093528E+00 0.20000000000000E+02
AM 19 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

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 11a 9/29/2011, 8:35:26AM

0.1015926407460E+06	0.1000039123623E-29	0.1952288672098E+00	0.7817715949499E+00
0.2250024093534E+00	0.2000000000000E+02		
AM 20	0.20000000E+00 4		
0.1015926407632E+06	0.3328572799040E-20	0.1952300426324E+00	0.7817700854608E+00
0.2250024093525E+00	0.2000000000000E+02		
AM 21	0.20000000E+00 4		
0.1015926407580E+06	0.2870646302424E-19	0.1952296977920E+00	0.7817705282264E+00
0.2250024093528E+00	0.2000000000000E+02		
AM 22	0.20000000E+00 4		
0.1015926407563E+06	0.1918665823013E-21	0.1952295750370E+00	0.7817706865472E+00
0.2250024093529E+00	0.2000000000000E+02		
AM 23	0.20000000E+00 4		
0.1015926407571E+06	0.1866073703170E-20	0.1952296264707E+00	0.7817706202035E+00
0.2250024093529E+00	0.2000000000000E+02		
AM 24	0.20000000E+00 4		
0.1015926407575E+06	0.1674172814677E-20	0.1952296523057E+00	0.7817705870397E+00
0.2250024093528E+00	0.2000000000000E+02		
AM 25	0.20000000E+00 4		
0.1015926407568E+06	0.6617214597912E-21	0.1952296072506E+00	0.7817706448585E+00
0.2250024093529E+00	0.2000000000000E+02		
AM 26	0.20000000E+00 4		
0.1015926407573E+06	0.2631751707843E-19	0.1952296465733E+00	0.7817705942718E+00
0.2250024093528E+00	0.2000000000000E+02		
AM 27	0.20000000E+00 4		
0.1015926407562E+06	0.4830724639554E-20	0.1952295621116E+00	0.7817707023525E+00
0.2250024093529E+00	0.2000000000000E+02		
AM 28	0.20000000E+00 4		
0.1015926407570E+06	0.6041683267082E-20	0.1952296238720E+00	0.7817706230553E+00
0.2250024093529E+00	0.2000000000000E+02		
AM 29	0.20000000E+00 4		
0.1015926407574E+06	0.2646865006699E-21	0.1952296490652E+00	0.7817705913170E+00
0.2250024093528E+00	0.2000000000000E+02		
AM 30	0.20000000E+00 4		
0.1015926407577E+06	0.2514499862166E-21	0.1952296670117E+00	0.7817705683227E+00
0.2250024093528E+00	0.2000000000000E+02		
AM 31	0.20000000E+00 4		
0.1015926407571E+06	0.8602621704534E-21	0.1952296262227E+00	0.7817706203147E+00
0.2250024093529E+00	0.2000000000000E+02		
AM 32	0.20000000E+00 4		
0.1015926407568E+06	0.2997678888140E-20	0.1952295972115E+00	0.7817706577433E+00
0.2250024093529E+00	0.2000000000000E+02		
AM 33	0.20000000E+00 4		
0.1015926407573E+06	0.5359879452763E-21	0.1952296413625E+00	0.7817706011540E+00
0.2250024093529E+00	0.2000000000000E+02		
AM 34	0.20000000E+00 4		
0.1015926407584E+06	0.7007860186512E-20	0.1952297200188E+00	0.7817705004250E+00
0.2250024093528E+00	0.2000000000000E+02		
AM 35	0.20000000E+00 4		
0.1015926407573E+06	0.1654351957562E-20	0.1952296406923E+00	0.7817706019615E+00
0.2250024093529E+00	0.2000000000000E+02		
AM 36	0.20000000E+00 4		
0.1015926407565E+06	0.1713905559606E-20	0.1952295766153E+00	0.7817706839675E+00
0.2250024093529E+00	0.2000000000000E+02		
AM 37	0.20000000E+00 4		
0.1015926407573E+06	0.2534474573425E-20	0.1952296359986E+00	0.7817706078659E+00
0.2250024093529E+00	0.2000000000000E+02		
AM 38	0.20000000E+00 4		
0.1015926407572E+06	0.1164662626342E-20	0.1952296320471E+00	0.7817706128591E+00
0.2250024093529E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl(11a 9/29/2011, 8:35:26AM

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AM 39      0.20000000E+00 4
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0.2250024093529E+00 0.20000000000000E+02
AM 40      0.20000000E+00 4
0.1015926407573E+06 0.1316848019054E-20 0.1952296358833E+00 0.7817706080130E+00
0.2250024093529E+00 0.20000000000000E+02
AM 41      0.20000000E+00 4
0.1015926407573E+06 0.1336699203962E-20 0.1952296368590E+00 0.7817706070244E+00
0.2250024093529E+00 0.20000000000000E+02
AM 42      0.20000000E+00 4
0.1015926407573E+06 0.1000039123623E-29 0.1952296334108E+00 0.7817706114160E+00
0.2250024093529E+00 0.20000000000000E+02
AM 43      0.20000000E+00 4
0.1015926407575E+06 0.1012416603879E-20 0.1952296496370E+00 0.7817705904758E+00
0.2250024093528E+00 0.20000000000000E+02
AM 44      0.20000000E+00 4
0.1015926407573E+06 0.1000039123623E-29 0.1952296369534E+00 0.7817706069025E+00
0.2250024093529E+00 0.20000000000000E+02
AM 45      0.20000000E+00 4
0.1015926407572E+06 0.1376423133088E-20 0.1952296278152E+00 0.7817706185522E+00
0.2250024093529E+00 0.20000000000000E+02
AM 46      0.20000000E+00 4
0.1015926407575E+06 0.2620498026499E-20 0.1952296501855E+00 0.7817705900310E+00
0.2250024093528E+00 0.20000000000000E+02
AM 47      0.20000000E+00 4
0.1015926407573E+06 0.9999909753745E-30 0.1952296369614E+00 0.7817706068933E+00
0.2250024093529E+00 0.20000000000000E+02
AM 48      0.20000000E+00 4
0.1015926407573E+06 0.3374768470022E-21 0.1952296368494E+00 0.7817706070363E+00
0.2250024093529E+00 0.20000000000000E+02
AM 49      0.20000000E+00 4
0.1015926407573E+06 0.2124182035526E-20 0.1952296314505E+00 0.7817706139193E+00
0.2250024093529E+00 0.20000000000000E+02
AM 50      0.20000000E+00 4
0.1015926407574E+06 0.1336708734453E-20 0.1952296414076E+00 0.7817706012248E+00
0.2250024093529E+00 0.20000000000000E+02
AM 51      0.20000000E+00 4
0.1015926407573E+06 0.9923428834400E-22 0.1952296346573E+00 0.7817706098305E+00
0.2250024093529E+00 0.20000000000000E+02
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0.2250024093529E+00 0.20000000000000E+02
AM 53      0.20000000E+00 4
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0.2250024093529E+00 0.20000000000000E+02
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0.1015926407573E+06 0.1191110112391E-20 0.1952296370392E+00 0.7817706067941E+00
0.2250024093529E+00 0.20000000000000E+02
AM 55      0.20000000E+00 4
0.1015926407573E+06 0.9999969939055E-30 0.1952296368676E+00 0.7817706070127E+00
0.2250024093529E+00 0.20000000000000E+02
AM 56      0.20000000E+00 4
0.1015926407573E+06 0.8470288994420E-21 0.1952296368845E+00 0.7817706069911E+00
0.2250024093529E+00 0.20000000000000E+02
AM 57      0.20000000E+00 4
0.1015926407573E+06 0.8668675885489E-21 0.1952296368463E+00 0.7817706070408E+00
0.2250024093529E+00 0.20000000000000E+02
AM 58      0.20000000E+00 4
0.1015926407573E+06 0.6948207359418E-21 0.1952296368813E+00 0.7817706069950E+00

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(

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0.2250024093529E+00 0.20000000000000E+02
AM 59 0.200000000E+00 4
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0.2250024093529E+00 0.20000000000000E+02
AM 60 0.200000000E+00 4
0.1015926407573E+06 0.1376387666977E-20 0.1952296367221E+00 0.7817706071982E+00
0.2250024093529E+00 0.20000000000000E+02
AM 61 0.200000000E+00 4
0.1015926407573E+06 0.1224215952805E-20 0.1952296365625E+00 0.7817706074021E+00
0.2250024093529E+00 0.20000000000000E+02
AM 62 0.200000000E+00 4
0.1015926407580E+06 0.4036575478059E-21 0.1952296888975E+00 0.7817705404736E+00
0.2250024093528E+00 0.20000000000000E+02
AN 1 0.200000000E+00 4
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0.2250024117523E+00 0.20000000000000E+02
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0.1016160887974E+06 0.5339615976495E-19 0.1952576550576E+00 0.7817467262251E+00
0.2250024117627E+00 0.20000000000000E+02
AN 3 0.200000000E+00 4
0.1016160887475E+06 0.4853232991321E-19 0.1952544279835E+00 0.7817510022332E+00
0.2250024117662E+00 0.20000000000000E+02
AN 4 0.200000000E+00 4
0.1016160887421E+06 0.6386495558458E-19 0.1952540575717E+00 0.7817514937734E+00
0.2250024117666E+00 0.20000000000000E+02
AN 5 0.200000000E+00 4
0.1016160887380E+06 0.4839335724726E-19 0.1952537804099E+00 0.7817518610209E+00
0.2250024117669E+00 0.20000000000000E+02
AN 6 0.200000000E+00 4
0.1016160887225E+06 0.2977185221274E-19 0.1952527789316E+00 0.7817531837635E+00
0.2250024117680E+00 0.20000000000000E+02
AN 7 0.200000000E+00 4
0.1016160887280E+06 0.3037396342286E-20 0.1952531403898E+00 0.7817527072940E+00
0.2250024117676E+00 0.20000000000000E+02
AN 8 0.200000000E+00 4
0.1016160887570E+06 0.1131582728041E-19 0.1952550248785E+00 0.7817502164116E+00
0.2250024117656E+00 0.20000000000000E+02
AN 9 0.200000000E+00 4
0.1016160887293E+06 0.7616664553494E-20 0.1952532413948E+00 0.7817525746419E+00
0.2250024117675E+00 0.20000000000000E+02
AN 10 0.200000000E+00 4
0.1016160887456E+06 0.3580699435829E-19 0.1952542715161E+00 0.7817512081452E+00
0.2250024117664E+00 0.20000000000000E+02
AN 11 0.200000000E+00 4
0.1016160887753E+06 0.7332128404989E-20 0.1952561623367E+00 0.7817487050668E+00
0.2250024117643E+00 0.20000000000000E+02
AN 12 0.200000000E+00 4
0.1016160887365E+06 0.3388124276867E-20 0.1952536465769E+00 0.7817520333979E+00
0.2250024117670E+00 0.20000000000000E+02
AN 13 0.200000000E+00 4
0.1016160887374E+06 0.4413825389331E-20 0.1952536843388E+00 0.7817519885546E+00
0.2250024117670E+00 0.20000000000000E+02
AN 14 0.200000000E+00 4
0.1016160887419E+06 0.2550363264801E-19 0.1952539393974E+00 0.7817516490480E+00
0.2250024117667E+00 0.20000000000000E+02
AN 15 0.200000000E+00 4
0.1016160887361E+06 0.2247283118805E-19 0.1952535471497E+00 0.7817521655715E+00
0.2250024117671E+00 0.20000000000000E+02
AN 16 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

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 11a 9/29/2011, 8:35:26AM

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0.2250024117675E+00 0.2000000000000E+02
AN 17 0.20000000E+00 4
0.1016160887421E+06 0.6842430261031E-20 0.1952539341939E+00 0.7817516564395E+00
0.2250024117667E+00 0.2000000000000E+02
AN 18 0.20000000E+00 4
0.1016160887445E+06 0.3818257654434E-20 0.1952540889089E+00 0.7817514508309E+00
0.2250024117666E+00 0.2000000000000E+02
AN 19 0.20000000E+00 4
0.1016160887332E+06 0.1720475586138E-21 0.1952533991458E+00 0.7817523701247E+00
0.2250024117674E+00 0.2000000000000E+02
AN 20 0.20000000E+00 4
0.1016160887493E+06 0.2600654418719E-20 0.1952543997493E+00 0.7817510354569E+00
0.2250024117662E+00 0.2000000000000E+02
AN 21 0.20000000E+00 4
0.1016160887444E+06 0.2893145961411E-19 0.1952541065252E+00 0.7817514266057E+00
0.2250024117665E+00 0.2000000000000E+02
AN 22 0.20000000E+00 4
0.1016160887429E+06 0.1000000000000E-29 0.1952540021414E+00 0.7817515665549E+00
0.2250024117667E+00 0.2000000000000E+02
AN 23 0.20000000E+00 4
0.1016160887436E+06 0.1455837887999E-21 0.1952540455257E+00 0.7817515082607E+00
0.2250024117666E+00 0.2000000000000E+02
AN 24 0.20000000E+00 4
0.1016160887440E+06 0.8999483778218E-21 0.1952540674927E+00 0.7817514789650E+00
0.2250024117666E+00 0.2000000000000E+02
AN 25 0.20000000E+00 4
0.1016160887433E+06 0.3904143956889E-21 0.1952540291649E+00 0.7817515300564E+00
0.2250024117666E+00 0.2000000000000E+02
AN 26 0.20000000E+00 4
0.1016160887438E+06 0.2382276367694E-19 0.1952540627523E+00 0.7817514852051E+00
0.2250024117666E+00 0.2000000000000E+02
AN 27 0.20000000E+00 4
0.1016160887428E+06 0.4347655174322E-20 0.1952539903003E+00 0.7817515812759E+00
0.2250024117667E+00 0.2000000000000E+02
AN 28 0.20000000E+00 4
0.1016160887435E+06 0.4652036445691E-20 0.1952540430629E+00 0.7817515109766E+00
0.2250024117666E+00 0.2000000000000E+02
AN 29 0.20000000E+00 4
0.1016160887439E+06 0.1000000003171E-29 0.1952540648645E+00 0.7817514826300E+00
0.2250024117666E+00 0.2000000000000E+02
AN 30 0.20000000E+00 4
0.1016160887442E+06 0.9198157525809E-21 0.1952540801713E+00 0.7817514622753E+00
0.2250024117666E+00 0.2000000000000E+02
AN 31 0.20000000E+00 4
0.1016160887436E+06 0.1455807515097E-21 0.1952540450905E+00 0.7817515085592E+00
0.2250024117666E+00 0.2000000000000E+02
AN 32 0.20000000E+00 4
0.1016160887433E+06 0.1224227307627E-20 0.1952540203562E+00 0.7817515417109E+00
0.2250024117666E+00 0.2000000000000E+02
AN 33 0.20000000E+00 4
0.1016160887438E+06 0.5757023533369E-21 0.1952540582600E+00 0.7817514913688E+00
0.2250024117666E+00 0.2000000000000E+02
AN 34 0.20000000E+00 4
0.1016160887448E+06 0.5896132876504E-20 0.1952541256757E+00 0.7817514018805E+00
0.2250024117665E+00 0.2000000000000E+02
AN 35 0.20000000E+00 4
0.1016160887438E+06 0.1091871892998E-20 0.1952540576329E+00 0.7817514921331E+00
0.2250024117666E+00 0.2000000000000E+02

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# TMVOC Initial Conditions (INCON) File

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AN 36 0.20000000E+00 4  
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0.2250024117667E+00 0.20000000000000E+02

AN 37 0.20000000E+00 4  
0.1016160887438E+06 0.2038168314567E-20 0.1952540535113E+00 0.7817514974655E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 38 0.20000000E+00 4  
0.1016160887437E+06 0.1091872573419E-20 0.1952540500656E+00 0.7817515019529E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 39 0.20000000E+00 4  
0.1016160887438E+06 0.4367505264827E-21 0.1952540533163E+00 0.7817514977223E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 40 0.20000000E+00 4  
0.1016160887438E+06 0.2977684574696E-21 0.1952540534122E+00 0.7817514975963E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 41 0.20000000E+00 4  
0.1016160887438E+06 0.7940933981828E-22 0.1952540542567E+00 0.7817514967390E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 42 0.20000000E+00 4  
0.1016160887438E+06 0.5954507449293E-22 0.1952540512872E+00 0.7817515006519E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 43 0.20000000E+00 4  
0.1016160887439E+06 0.2646646240631E-21 0.1952540652348E+00 0.7817514819903E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 44 0.20000000E+00 4  
0.1016160887438E+06 0.5293904753471E-21 0.1952540543362E+00 0.7817514966320E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 45 0.20000000E+00 4  
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0.2250024117666E+00 0.20000000000000E+02

AN 46 0.20000000E+00 4  
0.1016160887440E+06 0.2183749195551E-20 0.1952540657110E+00 0.7817514816178E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 47 0.20000000E+00 4  
0.1016160887438E+06 0.1000003012437E-29 0.1952540543443E+00 0.7817514966228E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 48 0.20000000E+00 4  
0.1016160887438E+06 0.1852809105850E-21 0.1952540542481E+00 0.7817514967499E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 49 0.20000000E+00 4  
0.1016160887438E+06 0.1197746284881E-20 0.1952540496060E+00 0.7817515028760E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 50 0.20000000E+00 4  
0.1016160887439E+06 0.5558540031102E-21 0.1952540581668E+00 0.7817514915778E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 51 0.20000000E+00 4  
0.1016160887438E+06 0.3904292501232E-21 0.1952540523628E+00 0.7817514992372E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 52 0.20000000E+00 4  
0.1016160887438E+06 0.3771912520776E-21 0.1952540536440E+00 0.7817514975478E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 53 0.20000000E+00 4  
0.1016160887439E+06 0.2249864730830E-21 0.1952540545532E+00 0.7817514963466E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 54 0.20000000E+00 4  
0.1016160887439E+06 0.6815757184212E-21 0.1952540544110E+00 0.7817514965346E+00  
0.2250024117666E+00 0.20000000000000E+02

AN 55 0.20000000E+00 4  
0.1016160887438E+06 0.9999969939055E-30 0.1952540542634E+00 0.7817514967292E+00



# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
 11a 9/29/2011, 8:35:26AM

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0.2250024117666E+00 0.2000000000000E+02
AN 57 0.200000000E+00 4
0.1016160887438E+06 0.4632082875313E-21 0.1952540542459E+00 0.7817514967534E+00
0.2250024117666E+00 0.2000000000000E+02
AN 58 0.200000000E+00 4
0.1016160887438E+06 0.7279102845167E-21 0.1952540542750E+00 0.7817514967137E+00
0.2250024117666E+00 0.2000000000000E+02
AN 59 0.200000000E+00 4
0.1016160887438E+06 0.3572984614884E-21 0.1952540542489E+00 0.7817514967482E+00
0.2250024117666E+00 0.2000000000000E+02
AN 60 0.200000000E+00 4
0.1016160887438E+06 0.4367257201879E-21 0.1952540541381E+00 0.7817514968944E+00
0.2250024117666E+00 0.2000000000000E+02
AN 61 0.200000000E+00 4
0.1016160887438E+06 0.6683529205984E-21 0.1952540540013E+00 0.7817514970755E+00
0.2250024117666E+00 0.2000000000000E+02
AN 62 0.200000000E+00 4
0.1016160887445E+06 0.3969991641641E-22 0.1952540990471E+00 0.7817514374363E+00
0.2250024117666E+00 0.2000000000000E+02
AO 1 0.200000000E+00 4
0.1016395424376E+06 0.4026549786010E-19 0.1952891842639E+00 0.7817175033581E+00
0.2250024251707E+00 0.2000000000000E+02
AO 2 0.200000000E+00 4
0.1016395423123E+06 0.5339781506266E-19 0.1952818297138E+00 0.7817278574923E+00
0.2250024251834E+00 0.2000000000000E+02
AO 3 0.200000000E+00 4
0.1016395422677E+06 0.4852241473486E-19 0.1952791541937E+00 0.7817315819395E+00
0.2250024251877E+00 0.2000000000000E+02
AO 4 0.200000000E+00 4
0.1016395422630E+06 0.6384510476363E-19 0.1952788477474E+00 0.7817320095135E+00
0.2250024251882E+00 0.2000000000000E+02
AO 5 0.200000000E+00 4
0.1016395422594E+06 0.4816837077449E-19 0.1952786181900E+00 0.7817323291558E+00
0.2250024251886E+00 0.2000000000000E+02
AO 6 0.200000000E+00 4
0.1016395422455E+06 0.2960313976398E-19 0.1952777887327E+00 0.7817334798751E+00
0.2250024251899E+00 0.2000000000000E+02
AO 7 0.200000000E+00 4
0.1016395422504E+06 0.2782630304957E-20 0.1952780888967E+00 0.7817330647007E+00
0.2250024251894E+00 0.2000000000000E+02
AO 8 0.200000000E+00 4
0.1016395422763E+06 0.1125792813820E-19 0.1952796510250E+00 0.7817308961831E+00
0.2250024251870E+00 0.2000000000000E+02
AO 9 0.200000000E+00 4
0.1016395422515E+06 0.7540578465278E-20 0.1952781739643E+00 0.7817329479861E+00
0.2250024251893E+00 0.2000000000000E+02
AO 10 0.200000000E+00 4
0.1016395422661E+06 0.3594099761753E-19 0.1952790224430E+00 0.7817317631346E+00
0.2250024251879E+00 0.2000000000000E+02
AO 11 0.200000000E+00 4
0.1016395422927E+06 0.7310622042290E-20 0.1952805884999E+00 0.7817295848239E+00
0.2250024251854E+00 0.2000000000000E+02
AO 12 0.200000000E+00 4
0.1016395422581E+06 0.3340150764067E-20 0.1952785025282E+00 0.7817324833615E+00
0.2250024251887E+00 0.2000000000000E+02
AO 13 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

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0.2250024251887E+00	0.2000000000000E+02		
AO 14	0.20000000E+00 4		
0.1016395422630E+06	0.2535308577655E-19	0.1952787448449E+00	0.7817321495159E+00
0.2250024251884E+00	0.2000000000000E+02		
AO 15	0.20000000E+00 4		
0.1016395422578E+06	0.2224949651720E-19	0.1952784178180E+00	0.7817326008178E+00
0.2250024251889E+00	0.2000000000000E+02		
AO 16	0.20000000E+00 4		
0.1016395422532E+06	0.1000000000000E-29	0.1952781678429E+00	0.7817329585358E+00
0.2250024251893E+00	0.2000000000000E+02		
AO 17	0.20000000E+00 4		
0.1016395422632E+06	0.6463583560036E-20	0.1952787403055E+00	0.7817321562433E+00
0.2250024251884E+00	0.2000000000000E+02		
AO 18	0.20000000E+00 4		
0.1016395422654E+06	0.3632977251444E-20	0.1952788675894E+00	0.7817319780662E+00
0.2250024251881E+00	0.2000000000000E+02		
AO 19	0.20000000E+00 4		
0.1016395422553E+06	0.3970220165904E-22	0.1952783034063E+00	0.7817327717784E+00
0.2250024251891E+00	0.2000000000000E+02		
AO 20	0.20000000E+00 4		
0.1016395422696E+06	0.2450108113884E-20	0.1952791219632E+00	0.7817316191595E+00
0.2250024251877E+00	0.2000000000000E+02		
AO 21	0.20000000E+00 4		
0.1016395422652E+06	0.2876106406613E-19	0.1952788824824E+00	0.7817319565642E+00
0.2250024251881E+00	0.2000000000000E+02		
AO 22	0.20000000E+00 4		
0.1016395422639E+06	0.1158052958683E-22	0.1952787972284E+00	0.7817320773835E+00
0.2250024251883E+00	0.2000000000000E+02		
AO 23	0.20000000E+00 4		
0.1016395422646E+06	0.1000000000000E-29	0.1952788322308E+00	0.7817320274713E+00
0.2250024251882E+00	0.2000000000000E+02		
AO 24	0.20000000E+00 4		
0.1016395422649E+06	0.8768114503441E-21	0.1952788501700E+00	0.7817320022033E+00
0.2250024251882E+00	0.2000000000000E+02		
AO 25	0.20000000E+00 4		
0.1016395422643E+06	0.1505393279690E-21	0.1952788188474E+00	0.7817320462895E+00
0.2250024251882E+00	0.2000000000000E+02		
AO 26	0.20000000E+00 4		
0.1016395422647E+06	0.2351343609417E-19	0.1952788464627E+00	0.7817320074104E+00
0.2250024251882E+00	0.2000000000000E+02		
AO 27	0.20000000E+00 4		
0.1016395422638E+06	0.4071379459529E-20	0.1952787865164E+00	0.7817320909753E+00
0.2250024251883E+00	0.2000000000000E+02		
AO 28	0.20000000E+00 4		
0.1016395422645E+06	0.4451886057909E-20	0.1952788299095E+00	0.7817320300457E+00
0.2250024251882E+00	0.2000000000000E+02		
AO 29	0.20000000E+00 4		
0.1016395422648E+06	0.1985233570029E-22	0.1952788481795E+00	0.7817320052307E+00
0.2250024251882E+00	0.2000000000000E+02		
AO 30	0.20000000E+00 4		
0.1016395422651E+06	0.8040195564249E-21	0.1952788607377E+00	0.7817319876247E+00
0.2250024251882E+00	0.2000000000000E+02		
AO 31	0.20000000E+00 4		
0.1016395422646E+06	0.2183756827222E-21	0.1952788316007E+00	0.7817320279646E+00
0.2250024251882E+00	0.2000000000000E+02		
AO 32	0.20000000E+00 4		
0.1016395422643E+06	0.1300327923972E-20	0.1952788113198E+00	0.7817320566628E+00
0.2250024251882E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

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AO 33 0.20000000E+00 4  
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0.2250024251882E+00 0.20000000000000E+02

AO 34 0.20000000E+00 4  
0.1016395422656E+06 0.5570227327427E-20 0.1952788984296E+00 0.7817319350424E+00  
0.2250024251881E+00 0.20000000000000E+02

AO 35 0.20000000E+00 4  
0.1016395422647E+06 0.1000888542219E-20 0.1952788421363E+00 0.7817320135454E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 36 0.20000000E+00 4  
0.1016395422640E+06 0.1270542983934E-20 0.1952787965464E+00 0.7817320770640E+00  
0.2250024251883E+00 0.20000000000000E+02

AO 37 0.20000000E+00 4  
0.1016395422647E+06 0.2053062281419E-20 0.1952788386103E+00 0.7817320182820E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 38 0.20000000E+00 4  
0.1016395422646E+06 0.8304852944962E-21 0.1952788356914E+00 0.7817320222427E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 39 0.20000000E+00 4  
0.1016395422647E+06 0.4334421681677E-21 0.1952788384479E+00 0.7817320185063E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 40 0.20000000E+00 4  
0.1016395422647E+06 0.1000000003171E-29 0.1952788385282E+00 0.7817320183959E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 41 0.20000000E+00 4  
0.1016395422648E+06 0.1439294275871E-21 0.1952788392360E+00 0.7817320176753E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 42 0.20000000E+00 4  
0.1016395422647E+06 0.1000000000000E-29 0.1952788367650E+00 0.7817320210898E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 43 0.20000000E+00 4  
0.1016395422648E+06 0.5126993100174E-22 0.1952788483398E+00 0.7817320048009E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 44 0.20000000E+00 4  
0.1016395422648E+06 0.3986976741370E-21 0.1952788393000E+00 0.7817320175838E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 45 0.20000000E+00 4  
0.1016395422647E+06 0.5409734922765E-21 0.1952788327761E+00 0.7817320266191E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 46 0.20000000E+00 4  
0.1016395422649E+06 0.2076218311163E-20 0.1952788487408E+00 0.7817320045036E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 47 0.20000000E+00 4  
0.1016395422648E+06 0.9999969939055E-30 0.1952788393082E+00 0.7817320175745E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 48 0.20000000E+00 4  
0.1016395422648E+06 0.3407984133808E-21 0.1952788392284E+00 0.7817320176852E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 49 0.20000000E+00 4  
0.1016395422647E+06 0.1121656911655E-20 0.1952788353746E+00 0.7817320230231E+00  
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AO 50 0.20000000E+00 4  
0.1016395422648E+06 0.4781029704411E-21 0.1952788424813E+00 0.7817320131789E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 51 0.20000000E+00 4  
0.1016395422647E+06 0.4681842277179E-21 0.1952788376627E+00 0.7817320198530E+00  
0.2250024251882E+00 0.20000000000000E+02

AO 52 0.20000000E+00 4  
0.1016395422648E+06 0.1505447430035E-21 0.1952788387275E+00 0.7817320183799E+00

# TMVOC Initial Conditions (INCON) File

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AO 53 0.200000000E+00 4
0.1016395422648E+06 0.1555049191576E-21 0.1952788394812E+00 0.7817320173342E+00
0.2250024251882E+00 0.20000000000000E+02
AO 54 0.200000000E+00 4
0.1016395422648E+06 0.1985098770969E-21 0.1952788393634E+00 0.7817320174978E+00
0.2250024251882E+00 0.20000000000000E+02
AO 55 0.200000000E+00 4
0.1016395422648E+06 0.10000000000000E-29 0.1952788392408E+00 0.7817320176675E+00
0.2250024251882E+00 0.20000000000000E+02
AO 56 0.200000000E+00 4
0.1016395422648E+06 0.3060545685101E-21 0.1952788392525E+00 0.7817320176510E+00
0.2250024251882E+00 0.20000000000000E+02
AO 57 0.200000000E+00 4
0.1016395422648E+06 0.1240693360386E-21 0.1952788392274E+00 0.7817320176876E+00
0.2250024251882E+00 0.20000000000000E+02
AO 58 0.200000000E+00 4
0.1016395422648E+06 0.5277350278573E-21 0.1952788392501E+00 0.7817320176542E+00
0.2250024251882E+00 0.20000000000000E+02
AO 59 0.200000000E+00 4
0.1016395422648E+06 0.4963084661548E-23 0.1952788392284E+00 0.7817320176842E+00
0.2250024251882E+00 0.20000000000000E+02
AO 60 0.200000000E+00 4
0.1016395422648E+06 0.1439176146545E-21 0.1952788391366E+00 0.7817320178116E+00
0.2250024251882E+00 0.20000000000000E+02
AO 61 0.200000000E+00 4
0.1016395422648E+06 0.1339966505465E-21 0.1952788390236E+00 0.7817320179689E+00
0.2250024251882E+00 0.20000000000000E+02
AO 62 0.200000000E+00 4
0.1016395422653E+06 0.10000000000000E-29 0.1952788764792E+00 0.7817319659200E+00
0.2250024251881E+00 0.20000000000000E+02
AP 1 0.200000000E+00 4
0.1016630014676E+06 0.4033539321576E-19 0.1953119844953E+00 0.7817000078686E+00
0.2250028845681E+00 0.20000000000000E+02
AP 2 0.200000000E+00 4
0.1016630013620E+06 0.5331675204046E-19 0.1953061912266E+00 0.7817088007067E+00
0.2250028845832E+00 0.20000000000000E+02
AP 3 0.200000000E+00 4
0.1016630013244E+06 0.4855715632059E-19 0.1953040810135E+00 0.7817119598401E+00
0.2250028845884E+00 0.20000000000000E+02
AP 4 0.200000000E+00 4
0.1016630013205E+06 0.6380374716665E-19 0.1953038401615E+00 0.7817123218188E+00
0.2250028845890E+00 0.20000000000000E+02
AP 5 0.200000000E+00 4
0.1016630013175E+06 0.4817726864639E-19 0.1953036594255E+00 0.7817125926392E+00
0.2250028845894E+00 0.20000000000000E+02
AP 6 0.200000000E+00 4
0.1016630013058E+06 0.2959610872876E-19 0.1953030064195E+00 0.7817135669048E+00
0.2250028845910E+00 0.20000000000000E+02
AP 7 0.200000000E+00 4
0.1016630013100E+06 0.2742928015142E-20 0.1953032437048E+00 0.7817132146099E+00
0.2250028845905E+00 0.20000000000000E+02
AP 8 0.200000000E+00 4
0.1016630013318E+06 0.1136897713543E-19 0.1953044752471E+00 0.7817113766828E+00
0.2250028845875E+00 0.20000000000000E+02
AP 9 0.200000000E+00 4
0.1016630013108E+06 0.7447313851197E-20 0.1953033124241E+00 0.7817131142439E+00
0.2250028845903E+00 0.20000000000000E+02
AP 10 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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	0.1016630013231E+06	0.3590149974329E-19	0.1953039746082E+00	0.7817121156894E+00
	0.2250028845886E+00	0.2000000000000E+02		
AP 11	0.20000000E+00	4		
	0.1016630013456E+06	0.7285393152491E-20	0.1953052077253E+00	0.7817102703226E+00
	0.2250028845856E+00	0.2000000000000E+02		
AP 12	0.20000000E+00	4		
	0.1016630013164E+06	0.3245648094577E-20	0.1953035624007E+00	0.7817127282076E+00
	0.2250028845896E+00	0.2000000000000E+02		
AP 13	0.20000000E+00	4		
	0.1016630013173E+06	0.4425416278297E-20	0.1953035930430E+00	0.7817126904838E+00
	0.2250028845896E+00	0.2000000000000E+02		
AP 14	0.20000000E+00	4		
	0.1016630013208E+06	0.2532351406963E-19	0.1953037529209E+00	0.7817124461591E+00
	0.2250028845892E+00	0.2000000000000E+02		
AP 15	0.20000000E+00	4		
	0.1016630013165E+06	0.2221910147506E-19	0.1953034927849E+00	0.7817128305692E+00
	0.2250028845898E+00	0.2000000000000E+02		
AP 16	0.20000000E+00	4		
	0.1016630013126E+06	0.1000000000000E-29	0.1953033047902E+00	0.7817131263061E+00
	0.2250028845903E+00	0.2000000000000E+02		
AP 17	0.20000000E+00	4		
	0.1016630013210E+06	0.6315106226415E-20	0.1953037490625E+00	0.7817124522054E+00
	0.2250028845892E+00	0.2000000000000E+02		
AP 18	0.20000000E+00	4		
	0.1016630013228E+06	0.3606093881538E-20	0.1953038482150E+00	0.7817123021602E+00
	0.2250028845889E+00	0.2000000000000E+02		
AP 19	0.20000000E+00	4		
	0.1016630013144E+06	0.3081160955185E-22	0.1953034128282E+00	0.7817129670743E+00
	0.2250028845901E+00	0.2000000000000E+02		
AP 20	0.20000000E+00	4		
	0.1016630013263E+06	0.2464791099349E-20	0.1953040446849E+00	0.7817120011581E+00
	0.2250028845884E+00	0.2000000000000E+02		
AP 21	0.20000000E+00	4		
	0.1016630013226E+06	0.2870502841386E-19	0.1953038603154E+00	0.7817122834508E+00
	0.2250028845889E+00	0.2000000000000E+02		
AP 22	0.20000000E+00	4		
	0.1016630013215E+06	0.2026592600658E-22	0.1953037946791E+00	0.7817123846521E+00
	0.2250028845891E+00	0.2000000000000E+02		
AP 23	0.20000000E+00	4		
	0.1016630013221E+06	0.1000000000000E-29	0.1953038210858E+00	0.7817123433358E+00
	0.2250028845890E+00	0.2000000000000E+02		
AP 24	0.20000000E+00	4		
	0.1016630013224E+06	0.8002972436682E-21	0.1953038348945E+00	0.7817123221983E+00
	0.2250028845889E+00	0.2000000000000E+02		
AP 25	0.20000000E+00	4		
	0.1016630013219E+06	0.4425056789012E-22	0.1953038107557E+00	0.7817123591006E+00
	0.2250028845890E+00	0.2000000000000E+02		
AP 26	0.20000000E+00	4		
	0.1016630013222E+06	0.2352584380335E-19	0.1953038322466E+00	0.7817123263460E+00
	0.2250028845890E+00	0.2000000000000E+02		
AP 27	0.20000000E+00	4		
	0.1016630013215E+06	0.4048635509268E-20	0.1953037851252E+00	0.7817123970859E+00
	0.2250028845891E+00	0.2000000000000E+02		
AP 28	0.20000000E+00	4		
	0.1016630013220E+06	0.4499655738273E-20	0.1953038189096E+00	0.7817123457650E+00
	0.2250028845890E+00	0.2000000000000E+02		
AP 29	0.20000000E+00	4		
	0.1016630013224E+06	0.1000000000000E-29	0.1953038335579E+00	0.7817123245718E+00
	0.2250028845890E+00	0.2000000000000E+02		

# TMVOC Initial Conditions (INCON) File

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 11a 9/29/2011, 8:35:26AM

AP 30 0.20000000E+00 4  
 0.1016630013225E+06 0.6731182244874E-21 0.1953038432973E+00 0.7817123097846E+00  
 0.2250028845889E+00 0.20000000000000E+02  
 AP 31 0.20000000E+00 4  
 0.1016630013221E+06 0.2452590526295E-21 0.1953038202558E+00 0.7817123440290E+00  
 0.2250028845890E+00 0.20000000000000E+02  
 AP 32 0.20000000E+00 4  
 0.1016630013219E+06 0.1293503683921E-20 0.1953038045420E+00 0.7817123681600E+00  
 0.2250028845890E+00 0.20000000000000E+02  
 AP 33 0.20000000E+00 4  
 0.1016630013223E+06 0.5324975203459E-21 0.1953038292696E+00 0.7817123309943E+00  
 0.2250028845890E+00 0.20000000000000E+02  
 AP 34 0.20000000E+00 4  
 0.1016630013230E+06 0.5446360560136E-20 0.1953038729776E+00 0.7817122652141E+00  
 0.2250028845889E+00 0.20000000000000E+02  
 AP 35 0.20000000E+00 4  
 0.1016630013223E+06 0.1001095337375E-20 0.1953038287333E+00 0.7817123316678E+00  
 0.2250028845890E+00 0.20000000000000E+02  
 AP 36 0.20000000E+00 4  
 0.1016630013217E+06 0.1106556755912E-20 0.1953037928148E+00 0.7817123855149E+00  
 0.2250028845891E+00 0.20000000000000E+02  
 AP 37 0.20000000E+00 4  
 0.1016630013222E+06 0.1980477182666E-20 0.1953038258183E+00 0.7817123357936E+00  
 0.2250028845890E+00 0.20000000000000E+02  
 AP 38 0.20000000E+00 4  
 0.1016630013222E+06 0.6559513993077E-21 0.1953038234396E+00 0.7817123392140E+00  
 0.2250028845890E+00 0.20000000000000E+02  
 AP 39 0.20000000E+00 4  
 0.1016630013222E+06 0.4150376840243E-21 0.1953038256893E+00 0.7817123359844E+00  
 0.2250028845890E+00 0.20000000000000E+02  
 AP 40 0.20000000E+00 4  
 0.1016630013222E+06 0.10000000000000E-29 0.1953038257536E+00 0.7817123358901E+00  
 0.2250028845890E+00 0.20000000000000E+02  
 AP 41 0.20000000E+00 4  
 0.1016630013223E+06 0.2158941408845E-21 0.1953038263211E+00 0.7817123353096E+00  
 0.2250028845890E+00 0.20000000000000E+02  
 AP 42 0.20000000E+00 4  
 0.1016630013223E+06 0.10000000000000E-29 0.1953038243613E+00 0.7817123382129E+00  
 0.2250028845890E+00 0.20000000000000E+02  
 AP 43 0.20000000E+00 4  
 0.1016630013224E+06 0.6431329362639E-22 0.1953038335029E+00 0.7817123243573E+00  
 0.2250028845889E+00 0.20000000000000E+02  
 AP 44 0.20000000E+00 4  
 0.1016630013223E+06 0.2938559136170E-21 0.1953038263692E+00 0.7817123352341E+00  
 0.2250028845890E+00 0.20000000000000E+02  
 AP 45 0.20000000E+00 4  
 0.1016630013222E+06 0.5085076520236E-21 0.1953038212131E+00 0.7817123429017E+00  
 0.2250028845890E+00 0.20000000000000E+02  
 AP 46 0.20000000E+00 4  
 0.1016630013225E+06 0.2079945651327E-20 0.1953038338268E+00 0.7817123241372E+00  
 0.2250028845889E+00 0.20000000000000E+02  
 AP 47 0.20000000E+00 4  
 0.1016630013223E+06 0.1000000003171E-29 0.1953038263775E+00 0.7817123352247E+00  
 0.2250028845890E+00 0.20000000000000E+02  
 AP 48 0.20000000E+00 4  
 0.1016630013223E+06 0.3211528738336E-21 0.1953038263147E+00 0.7817123353184E+00  
 0.2250028845890E+00 0.20000000000000E+02  
 AP 49 0.20000000E+00 4  
 0.1016630013223E+06 0.1147713100954E-20 0.1953038232691E+00 0.7817123398480E+00

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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0.2250028845890E+00 0.20000000000000E+02
AP 50 0.200000000E+00 4
0.1016630013224E+06 0.3856693102721E-21 0.1953038288847E+00 0.7817123314951E+00
0.2250028845890E+00 0.20000000000000E+02
AP 51 0.200000000E+00 4
0.1016630013223E+06 0.4106951751468E-21 0.1953038250766E+00 0.7817123371586E+00
0.2250028845890E+00 0.20000000000000E+02
AP 52 0.200000000E+00 4
0.1016630013223E+06 0.7341091596900E-22 0.1953038259196E+00 0.7817123359073E+00
0.2250028845890E+00 0.20000000000000E+02
AP 53 0.200000000E+00 4
0.1016630013223E+06 0.5562446975587E-22 0.1953038265138E+00 0.7817123350212E+00
0.2250028845890E+00 0.20000000000000E+02
AP 54 0.200000000E+00 4
0.1016630013223E+06 0.6616813862962E-22 0.1953038264209E+00 0.7817123351598E+00
0.2250028845890E+00 0.20000000000000E+02
AP 55 0.200000000E+00 4
0.1016630013223E+06 0.10000000000000E-29 0.1953038263239E+00 0.7817123353038E+00
0.2250028845890E+00 0.20000000000000E+02
AP 56 0.200000000E+00 4
0.1016630013223E+06 0.2450508231699E-21 0.1953038263329E+00 0.7817123352901E+00
0.2250028845890E+00 0.20000000000000E+02
AP 57 0.200000000E+00 4
0.1016630013223E+06 0.4590852499652E-22 0.1953038263147E+00 0.7817123353198E+00
0.2250028845890E+00 0.20000000000000E+02
AP 58 0.200000000E+00 4
0.1016630013223E+06 0.3676780795496E-21 0.1953038263309E+00 0.7817123352929E+00
0.2250028845890E+00 0.20000000000000E+02
AP 59 0.200000000E+00 4
0.1016630013223E+06 0.10000000000000E-29 0.1953038263139E+00 0.7817123353183E+00
0.2250028845890E+00 0.20000000000000E+02
AP 60 0.200000000E+00 4
0.1016630013223E+06 0.7630258379345E-22 0.1953038262414E+00 0.7817123354262E+00
0.2250028845890E+00 0.20000000000000E+02
AP 61 0.200000000E+00 4
0.1016630013223E+06 0.2170929379996E-22 0.1953038261528E+00 0.7817123355592E+00
0.2250028845890E+00 0.20000000000000E+02
AP 62 0.200000000E+00 4
0.1016630013228E+06 0.10000000000000E-29 0.1953038558247E+00 0.7817122912941E+00
0.2250028845889E+00 0.20000000000000E+02
AQ 1 0.200000000E+00 4
0.1016864660292E+06 0.4034407958844E-19 0.1953348665843E+00 0.7816824293248E+00
0.2250214151516E+00 0.20000000000000E+02
AQ 2 0.200000000E+00 4
0.1016864659482E+06 0.5326298584855E-19 0.1953306562697E+00 0.7816896391949E+00
0.2250214151693E+00 0.20000000000000E+02
AQ 3 0.200000000E+00 4
0.1016864659194E+06 0.4861836706181E-19 0.1953291199857E+00 0.7816922243923E+00
0.2250214151754E+00 0.20000000000000E+02
AQ 4 0.200000000E+00 4
0.1016864659165E+06 0.6381532894625E-19 0.1953289457555E+00 0.7816925197485E+00
0.2250214151761E+00 0.20000000000000E+02
AQ 5 0.200000000E+00 4
0.1016864659144E+06 0.4816176398778E-19 0.1953288146091E+00 0.7816927409787E+00
0.2250214151766E+00 0.20000000000000E+02
AQ 6 0.200000000E+00 4
0.1016864659054E+06 0.2958080496135E-19 0.1953283408571E+00 0.7816935359880E+00
0.2250214151785E+00 0.20000000000000E+02
AQ 7 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

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0.1016864659085E+06	0.2756992982726E-20	0.1953285142603E+00	0.7816932475760E+00
0.2250214151778E+00	0.2000000000000E+02		
AQ 8	0.20000000E+00 4		
0.1016864659252E+06	0.1141674670274E-19	0.1953294100263E+00	0.7816917454295E+00
0.2250214151743E+00	0.2000000000000E+02		
AQ 9	0.20000000E+00 4		
0.1016864659091E+06	0.7414019831542E-20	0.1953285663713E+00	0.7816931638185E+00
0.2250214151776E+00	0.2000000000000E+02		
AQ 10	0.20000000E+00 4		
0.1016864659186E+06	0.3596415753376E-19	0.1953290393224E+00	0.7816923544994E+00
0.2250214151756E+00	0.2000000000000E+02		
AQ 11	0.20000000E+00 4		
0.1016864659359E+06	0.7324684325384E-20	0.1953299343603E+00	0.7816908472158E+00
0.2250214151721E+00	0.2000000000000E+02		
AQ 12	0.20000000E+00 4		
0.1016864659136E+06	0.3226003526528E-20	0.1953287365156E+00	0.7816928576154E+00
0.2250214151768E+00	0.2000000000000E+02		
AQ 13	0.20000000E+00 4		
0.1016864659144E+06	0.4427070639521E-20	0.1953287634959E+00	0.7816928235536E+00
0.2250214151768E+00	0.2000000000000E+02		
AQ 14	0.20000000E+00 4		
0.1016864659172E+06	0.2536301135187E-19	0.1953288744229E+00	0.7816926281805E+00
0.2250214151763E+00	0.2000000000000E+02		
AQ 15	0.20000000E+00 4		
0.1016864659139E+06	0.2222799742222E-19	0.1953286822328E+00	0.7816929446439E+00
0.2250214151770E+00	0.2000000000000E+02		
AQ 16	0.20000000E+00 4		
0.1016864659110E+06	0.1000000000000E-29	0.1953285572008E+00	0.7816931774172E+00
0.2250214151776E+00	0.2000000000000E+02		
AQ 17	0.20000000E+00 4		
0.1016864659174E+06	0.6266717726807E-20	0.1953288712563E+00	0.7816926335350E+00
0.2250214151763E+00	0.2000000000000E+02		
AQ 18	0.20000000E+00 4		
0.1016864659188E+06	0.3596581304492E-20	0.1953289418354E+00	0.7816925120634E+00
0.2250214151760E+00	0.2000000000000E+02		
AQ 19	0.20000000E+00 4		
0.1016864659124E+06	0.1000000003171E-29	0.1953286372766E+00	0.7816930461481E+00
0.2250214151774E+00	0.2000000000000E+02		
AQ 20	0.20000000E+00 4		
0.1016864659214E+06	0.2505529938094E-20	0.1953290794952E+00	0.7816922698722E+00
0.2250214151753E+00	0.2000000000000E+02		
AQ 21	0.20000000E+00 4		
0.1016864659185E+06	0.2867586942523E-19	0.1953289510995E+00	0.7816924961905E+00
0.2250214151759E+00	0.2000000000000E+02		
AQ 22	0.20000000E+00 4		
0.1016864659178E+06	0.2316105815215E-22	0.1953289053889E+00	0.7816925774659E+00
0.2250214151761E+00	0.2000000000000E+02		
AQ 23	0.20000000E+00 4		
0.1016864659182E+06	0.1000000000000E-29	0.1953289230648E+00	0.7816925448804E+00
0.2250214151761E+00	0.2000000000000E+02		
AQ 24	0.20000000E+00 4		
0.1016864659184E+06	0.8387611421562E-21	0.1953289326782E+00	0.7816925279383E+00
0.2250214151760E+00	0.2000000000000E+02		
AQ 25	0.20000000E+00 4		
0.1016864659180E+06	0.1000000000000E-29	0.1953289158360E+00	0.7816925575439E+00
0.2250214151761E+00	0.2000000000000E+02		
AQ 26	0.20000000E+00 4		
0.1016864659183E+06	0.2356223874955E-19	0.1953289311063E+00	0.7816925310099E+00
0.2250214151760E+00	0.2000000000000E+02		



# TMVOC Initial Conditions (INCON) File

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AQ 27 0.20000000E+00 4  
0.1016864659177E+06 0.4045740377122E-20 0.1953288970112E+00 0.7816925887234E+00  
0.2250214151762E+00 0.20000000000000E+02

AQ 28 0.20000000E+00 4  
0.1016864659181E+06 0.4541221564058E-20 0.1953289210360E+00 0.7816925471623E+00  
0.2250214151761E+00 0.20000000000000E+02

AQ 29 0.20000000E+00 4  
0.1016864659184E+06 0.3391440611567E-22 0.1953289320057E+00 0.7816925296476E+00  
0.2250214151760E+00 0.20000000000000E+02

AQ 30 0.20000000E+00 4  
0.1016864659185E+06 0.6832508410893E-21 0.1953289388821E+00 0.7816925177235E+00  
0.2250214151760E+00 0.20000000000000E+02

AQ 31 0.20000000E+00 4  
0.1016864659182E+06 0.2878588541773E-21 0.1953289220318E+00 0.7816925457766E+00  
0.2250214151761E+00 0.20000000000000E+02

AQ 32 0.20000000E+00 4  
0.1016864659181E+06 0.1275512505596E-20 0.1953289109568E+00 0.7816925652687E+00  
0.2250214151761E+00 0.20000000000000E+02

AQ 33 0.20000000E+00 4  
0.1016864659183E+06 0.5318771348880E-21 0.1953289289085E+00 0.7816925348790E+00  
0.2250214151760E+00 0.20000000000000E+02

AQ 34 0.20000000E+00 4  
0.1016864659189E+06 0.5480898739948E-20 0.1953289604251E+00 0.7816924812904E+00  
0.2250214151759E+00 0.20000000000000E+02

AQ 35 0.20000000E+00 4  
0.1016864659183E+06 0.9529120666906E-21 0.1953289284190E+00 0.7816925355058E+00  
0.2250214151760E+00 0.20000000000000E+02

AQ 36 0.20000000E+00 4  
0.1016864659179E+06 0.1089396867768E-20 0.1953289023237E+00 0.7816925795296E+00  
0.2250214151761E+00 0.20000000000000E+02

AQ 37 0.20000000E+00 4  
0.1016864659183E+06 0.2007567347728E-20 0.1953289261245E+00 0.7816925390111E+00  
0.2250214151760E+00 0.20000000000000E+02

AQ 38 0.20000000E+00 4  
0.1016864659183E+06 0.5864692139980E-21 0.1953289242945E+00 0.7816925418828E+00  
0.2250214151760E+00 0.20000000000000E+02

AQ 39 0.20000000E+00 4  
0.1016864659183E+06 0.4202076687960E-21 0.1953289260294E+00 0.7816925391679E+00  
0.2250214151760E+00 0.20000000000000E+02

AQ 40 0.20000000E+00 4  
0.1016864659183E+06 0.10000000000000E-29 0.1953289260774E+00 0.7816925390899E+00  
0.2250214151760E+00 0.20000000000000E+02

AQ 41 0.20000000E+00 4  
0.1016864659184E+06 0.1695717458733E-21 0.1953289265026E+00 0.7816925386518E+00  
0.2250214151760E+00 0.20000000000000E+02

AQ 42 0.20000000E+00 4  
0.1016864659184E+06 0.10000000000000E-29 0.1953289250619E+00 0.7816925410359E+00  
0.2250214151760E+00 0.20000000000000E+02

AQ 43 0.20000000E+00 4  
0.1016864659184E+06 0.6121136632922E-22 0.1953289317321E+00 0.7816925296518E+00  
0.2250214151760E+00 0.20000000000000E+02

AQ 44 0.20000000E+00 4  
0.1016864659184E+06 0.2828957705018E-21 0.1953289265345E+00 0.7816925385925E+00  
0.2250214151760E+00 0.20000000000000E+02

AQ 45 0.20000000E+00 4  
0.1016864659183E+06 0.4847278399710E-21 0.1953289227675E+00 0.7816925448709E+00  
0.2250214151760E+00 0.20000000000000E+02

AQ 46 0.20000000E+00 4  
0.1016864659185E+06 0.2062988448773E-20 0.1953289319776E+00 0.7816925295101E+00

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2250214151760E+00 0.20000000000000E+02
AQ 47 0.200000000E+00 4
0.1016864659184E+06 0.1000000003171E-29 0.1953289265428E+00 0.7816925385830E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 48 0.200000000E+00 4
0.1016864659184E+06 0.3168101756176E-21 0.1953289264972E+00 0.7816925386596E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 49 0.200000000E+00 4
0.1016864659183E+06 0.1185349818825E-20 0.1953289242726E+00 0.7816925423682E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 50 0.200000000E+00 4
0.1016864659184E+06 0.3945651532015E-21 0.1953289283736E+00 0.7816925355298E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 51 0.200000000E+00 4
0.1016864659184E+06 0.3987010562629E-21 0.1953289255919E+00 0.7816925401669E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 52 0.200000000E+00 4
0.1016864659184E+06 0.7113666612863E-22 0.1953289262096E+00 0.7816925391409E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 53 0.200000000E+00 4
0.1016864659184E+06 0.5707546326633E-22 0.1953289266418E+00 0.7816925384168E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 54 0.200000000E+00 4
0.1016864659184E+06 0.10000000000000E-29 0.1953289265743E+00 0.7816925385300E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 55 0.200000000E+00 4
0.1016864659184E+06 0.1571643263894E-22 0.1953289265033E+00 0.7816925386481E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 56 0.200000000E+00 4
0.1016864659184E+06 0.2183756827207E-21 0.1953289265095E+00 0.7816925386371E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 57 0.200000000E+00 4
0.1016864659184E+06 0.5459392143013E-22 0.1953289264983E+00 0.7816925386599E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 58 0.200000000E+00 4
0.1016864659184E+06 0.2911675766261E-21 0.1953289265079E+00 0.7816925386395E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 59 0.200000000E+00 4
0.1016864659184E+06 0.10000000000000E-29 0.1953289264956E+00 0.7816925386602E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 60 0.200000000E+00 4
0.1016864659184E+06 0.3474158672671E-22 0.1953289264428E+00 0.7816925387485E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 61 0.200000000E+00 4
0.1016864659184E+06 0.10000000000000E-29 0.1953289263789E+00 0.7816925388567E+00
0.2250214151760E+00 0.20000000000000E+02
AQ 62 0.200000000E+00 4
0.1016864659187E+06 0.10000000000000E-29 0.1953289481449E+00 0.7816925024977E+00
0.2250214151760E+00 0.20000000000000E+02
AR 1 0.200000000E+00 4
0.1017099361258E+06 0.4030023929443E-19 0.1953577947351E+00 0.7816648035227E+00
0.2257738434672E+00 0.20000000000000E+02
AR 2 0.200000000E+00 4
0.1017099360744E+06 0.5324065244192E-19 0.1953551805828E+00 0.7816704172177E+00
0.2257738434923E+00 0.20000000000000E+02
AR 3 0.200000000E+00 4
0.1017099360563E+06 0.4862994804139E-19 0.1953542235829E+00 0.7816724231246E+00
0.2257738435011E+00 0.20000000000000E+02
AR 4 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.1017099360547E+06 0.6377893354053E-19 0.1953541166159E+00 0.7816726512167E+00
0.2257738435021E+00 0.2000000000000E+02
AR 5 0.20000000E+00 4
0.1017099360534E+06 0.4818823331907E-19 0.1953540355393E+00 0.7816728223764E+00
0.2257738435029E+00 0.2000000000000E+02
AR 6 0.20000000E+00 4
0.1017099360477E+06 0.2961306563830E-19 0.1953537427966E+00 0.7816734363742E+00
0.2257738435056E+00 0.2000000000000E+02
AR 7 0.20000000E+00 4
0.1017099360497E+06 0.2797524832741E-20 0.1953538516887E+00 0.7816732124741E+00
0.2257738435046E+00 0.2000000000000E+02
AR 8 0.20000000E+00 4
0.1017099360602E+06 0.1137869647669E-19 0.1953544084355E+00 0.7816720493509E+00
0.2257738434995E+00 0.2000000000000E+02
AR 9 0.20000000E+00 4
0.1017099360500E+06 0.7381759787652E-20 0.1953538870286E+00 0.7816731454880E+00
0.2257738435044E+00 0.2000000000000E+02
AR 10 0.20000000E+00 4
0.1017099360559E+06 0.3591452759121E-19 0.1953541689090E+00 0.7816725272420E+00
0.2257738435015E+00 0.2000000000000E+02
AR 11 0.20000000E+00 4
0.1017099360670E+06 0.7290769920268E-20 0.1953547226682E+00 0.7816713612409E+00
0.2257738434963E+00 0.2000000000000E+02
AR 12 0.20000000E+00 4
0.1017099360530E+06 0.3191262389888E-20 0.1953539765613E+00 0.7816729198975E+00
0.2257738435032E+00 0.2000000000000E+02
AR 13 0.20000000E+00 4
0.1017099360539E+06 0.4481664429800E-20 0.1953539998440E+00 0.7816728895334E+00
0.2257738435031E+00 0.2000000000000E+02
AR 14 0.20000000E+00 4
0.1017099360557E+06 0.2537955544019E-19 0.1953540613452E+00 0.7816727435865E+00
0.2257738435024E+00 0.2000000000000E+02
AR 15 0.20000000E+00 4
0.1017099360537E+06 0.2225115801423E-19 0.1953539377606E+00 0.7816729914436E+00
0.2257738435034E+00 0.2000000000000E+02
AR 16 0.20000000E+00 4
0.1017099360520E+06 0.4135903162888E-22 0.1953538763064E+00 0.7816731606384E+00
0.2257738435044E+00 0.2000000000000E+02
AR 17 0.20000000E+00 4
0.1017099360560E+06 0.6250176709646E-20 0.1953540588772E+00 0.7816727482425E+00
0.2257738435024E+00 0.2000000000000E+02
AR 18 0.20000000E+00 4
0.1017099360568E+06 0.3586655137141E-20 0.1953541006069E+00 0.7816726556207E+00
0.2257738435020E+00 0.2000000000000E+02
AR 19 0.20000000E+00 4
0.1017099360528E+06 0.1000000003171E-29 0.1953539281463E+00 0.7816730576055E+00
0.2257738435040E+00 0.2000000000000E+02
AR 20 0.20000000E+00 4
0.1017099360583E+06 0.2468306887148E-20 0.1953541788907E+00 0.7816724728061E+00
0.2257738435011E+00 0.2000000000000E+02
AR 21 0.20000000E+00 4
0.1017099360565E+06 0.2869985832819E-19 0.1953541070071E+00 0.7816726426116E+00
0.2257738435019E+00 0.2000000000000E+02
AR 22 0.20000000E+00 4
0.1017099360561E+06 0.3143286427793E-22 0.1953540814146E+00 0.7816727037686E+00
0.2257738435022E+00 0.2000000000000E+02
AR 23 0.20000000E+00 4
0.1017099360564E+06 0.1000000000000E-29 0.1953540902754E+00 0.7816726799984E+00
0.2257738435021E+00 0.2000000000000E+02

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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AR 24      0.20000000E+00 4
0.1017099360565E+06 0.8569591156314E-21 0.1953540956530E+00 0.7816726672922E+00
0.2257738435020E+00 0.20000000000000E+02
AR 25      0.20000000E+00 4
0.1017099360563E+06 0.3308722550309E-22 0.1953540861779E+00 0.7816726895306E+00
0.2257738435022E+00 0.20000000000000E+02
AR 26      0.20000000E+00 4
0.1017099360564E+06 0.2352832507625E-19 0.1953540951676E+00 0.7816726692773E+00
0.2257738435021E+00 0.20000000000000E+02
AR 27      0.20000000E+00 4
0.1017099360561E+06 0.4063111045750E-20 0.1953540742246E+00 0.7816727138384E+00
0.2257738435023E+00 0.20000000000000E+02
AR 28      0.20000000E+00 4
0.1017099360563E+06 0.4511443062004E-20 0.1953540883955E+00 0.7816726821314E+00
0.2257738435021E+00 0.20000000000000E+02
AR 29      0.20000000E+00 4
0.1017099360565E+06 0.1488925202645E-22 0.1953540956511E+00 0.7816726683309E+00
0.2257738435020E+00 0.20000000000000E+02
AR 30      0.20000000E+00 4
0.1017099360566E+06 0.6667075747383E-21 0.1953540996369E+00 0.7816726592974E+00
0.2257738435020E+00 0.20000000000000E+02
AR 31      0.20000000E+00 4
0.1017099360564E+06 0.3209460786805E-21 0.1953540890374E+00 0.7816726810995E+00
0.2257738435021E+00 0.20000000000000E+02
AR 32      0.20000000E+00 4
0.1017099360563E+06 0.1247388323335E-20 0.1953540826462E+00 0.7816726959079E+00
0.2257738435022E+00 0.20000000000000E+02
AR 33      0.20000000E+00 4
0.1017099360565E+06 0.5211237869245E-21 0.1953540937565E+00 0.7816726723597E+00
0.2257738435021E+00 0.20000000000000E+02
AR 34      0.20000000E+00 4
0.1017099360568E+06 0.5451120237893E-20 0.1953541129640E+00 0.7816726310802E+00
0.2257738435019E+00 0.20000000000000E+02
AR 35      0.20000000E+00 4
0.1017099360565E+06 0.9347140932138E-21 0.1953540933142E+00 0.7816726729392E+00
0.2257738435021E+00 0.20000000000000E+02
AR 36      0.20000000E+00 4
0.1017099360562E+06 0.1070371713677E-20 0.1953540771370E+00 0.7816727070448E+00
0.2257738435022E+00 0.20000000000000E+02
AR 37      0.20000000E+00 4
0.1017099360564E+06 0.1924022105858E-20 0.1953540916461E+00 0.7816726758180E+00
0.2257738435021E+00 0.20000000000000E+02
AR 38      0.20000000E+00 4
0.1017099360564E+06 0.5939156808314E-21 0.1953540903701E+00 0.7816726781357E+00
0.2257738435021E+00 0.20000000000000E+02
AR 39      0.20000000E+00 4
0.1017099360564E+06 0.3689225181169E-21 0.1953540915853E+00 0.7816726759406E+00
0.2257738435021E+00 0.20000000000000E+02
AR 40      0.20000000E+00 4
0.1017099360564E+06 0.4963084675415E-23 0.1953540916169E+00 0.7816726758791E+00
0.2257738435021E+00 0.20000000000000E+02
AR 41      0.20000000E+00 4
0.1017099360565E+06 0.1306944569799E-21 0.1953540918983E+00 0.7816726755847E+00
0.2257738435021E+00 0.20000000000000E+02
AR 42      0.20000000E+00 4
0.1017099360565E+06 0.10000000000000E-29 0.1953540909818E+00 0.7816726774446E+00
0.2257738435021E+00 0.20000000000000E+02
AR 43      0.20000000E+00 4
0.1017099360565E+06 0.10000000000000E-29 0.1953540951567E+00 0.7816726685558E+00

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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0.2257738435020E+00 0.2000000000000E+02
AR 44 0.200000000E+00 4
0.1017099360565E+06 0.2779326868264E-21 0.1953540919138E+00 0.7816726755417E+00
0.2257738435021E+00 0.2000000000000E+02
AR 45 0.200000000E+00 4
0.1017099360565E+06 0.5062345358981E-21 0.1953540895495E+00 0.7816726804175E+00
0.2257738435021E+00 0.2000000000000E+02
AR 46 0.200000000E+00 4
0.1017099360566E+06 0.2077877699798E-20 0.1953540953230E+00 0.7816726684932E+00
0.2257738435020E+00 0.2000000000000E+02
AR 47 0.200000000E+00 4
0.1017099360565E+06 0.1000000000000E-29 0.1953540919223E+00 0.7816726755321E+00
0.2257738435021E+00 0.2000000000000E+02
AR 48 0.200000000E+00 4
0.1017099360565E+06 0.3027480255719E-21 0.1953540918939E+00 0.7816726755914E+00
0.2257738435021E+00 0.2000000000000E+02
AR 49 0.200000000E+00 4
0.1017099360565E+06 0.1234153474967E-20 0.1953540904983E+00 0.7816726784710E+00
0.2257738435021E+00 0.2000000000000E+02
AR 50 0.200000000E+00 4
0.1017099360566E+06 0.4053185011635E-21 0.1953540930701E+00 0.7816726731619E+00
0.2257738435021E+00 0.2000000000000E+02
AR 51 0.200000000E+00 4
0.1017099360565E+06 0.3689224751205E-21 0.1953540913247E+00 0.7816726767627E+00
0.2257738435021E+00 0.2000000000000E+02
AR 52 0.200000000E+00 4
0.1017099360565E+06 0.9999428271259E-30 0.1953540917150E+00 0.7816726759641E+00
0.2257738435021E+00 0.2000000000000E+02
AR 53 0.200000000E+00 4
0.1017099360565E+06 0.8602678470812E-22 0.1953540919835E+00 0.7816726754037E+00
0.2257738435021E+00 0.2000000000000E+02
AR 54 0.200000000E+00 4
0.1017099360565E+06 0.1000000000000E-29 0.1953540919416E+00 0.7816726754913E+00
0.2257738435021E+00 0.2000000000000E+02
AR 55 0.200000000E+00 4
0.1017099360565E+06 0.1000000003171E-29 0.1953540918970E+00 0.7816726755830E+00
0.2257738435021E+00 0.2000000000000E+02
AR 56 0.200000000E+00 4
0.1017099360565E+06 0.2283018500717E-21 0.1953540919004E+00 0.7816726755748E+00
0.2257738435021E+00 0.2000000000000E+02
AR 57 0.200000000E+00 4
0.1017099360565E+06 0.4963084675415E-23 0.1953540918962E+00 0.7816726755905E+00
0.2257738435021E+00 0.2000000000000E+02
AR 58 0.200000000E+00 4
0.1017099360565E+06 0.2977850215283E-21 0.1953540918992E+00 0.7816726755768E+00
0.2257738435021E+00 0.2000000000000E+02
AR 59 0.200000000E+00 4
0.1017099360565E+06 0.1000000000000E-29 0.1953540918916E+00 0.7816726755929E+00
0.2257738435021E+00 0.2000000000000E+02
AR 60 0.200000000E+00 4
0.1017099360565E+06 0.3308723450257E-23 0.1953540918587E+00 0.7816726756612E+00
0.2257738435021E+00 0.2000000000000E+02
AR 61 0.200000000E+00 4
0.1017099360565E+06 0.1000000000000E-29 0.1953540918198E+00 0.7816726757444E+00
0.2257738435021E+00 0.2000000000000E+02
AR 62 0.200000000E+00 4
0.1017099360567E+06 0.1000000000000E-29 0.1953541056035E+00 0.7816726473678E+00
0.2257738435020E+00 0.2000000000000E+02
AS 1 0.200000000E+00 4

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# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
 11a 9/29/2011, 8:35:26AM

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0.1017334118600E+06 0.4034077126501E-19 0.1953807505743E+00 0.7816471488590E+00
0.2593019622965E+00 0.2000000000000E+02
AS 2 0.20000000E+00 4
0.1017334118398E+06 0.5331675345805E-19 0.1953797406611E+00 0.7816511583020E+00
0.2593019625625E+00 0.2000000000000E+02
AS 3 0.20000000E+00 4
0.1017334118330E+06 0.4862746664244E-19 0.1953793662730E+00 0.7816525815909E+00
0.2593019626578E+00 0.2000000000000E+02
AS 4 0.20000000E+00 4
0.1017334118327E+06 0.6377645231299E-19 0.1953793269698E+00 0.7816527420184E+00
0.2593019626689E+00 0.2000000000000E+02
AS 5 0.20000000E+00 4
0.1017334118325E+06 0.4819981422892E-19 0.1953792962632E+00 0.7816528628075E+00
0.2593019626772E+00 0.2000000000000E+02
AS 6 0.20000000E+00 4
0.1017334118303E+06 0.2963705411492E-19 0.1953791856286E+00 0.7816532946951E+00
0.2593019627068E+00 0.2000000000000E+02
AS 7 0.20000000E+00 4
0.1017334118311E+06 0.2809105361317E-20 0.1953792296155E+00 0.7816531357010E+00
0.2593019626962E+00 0.2000000000000E+02
AS 8 0.20000000E+00 4
0.1017334118349E+06 0.1136132570483E-19 0.1953794453174E+00 0.7816523136267E+00
0.2593019626407E+00 0.2000000000000E+02
AS 9 0.20000000E+00 4
0.1017334118310E+06 0.7356944323408E-20 0.1953792480823E+00 0.7816530855882E+00
0.2593019626934E+00 0.2000000000000E+02
AS 10 0.20000000E+00 4
0.1017334118332E+06 0.3585993386722E-19 0.1953793377430E+00 0.7816526595640E+00
0.2593019626622E+00 0.2000000000000E+02
AS 11 0.20000000E+00 4
0.1017334118376E+06 0.7244447791704E-20 0.1953795482311E+00 0.7816518368379E+00
0.2593019626063E+00 0.2000000000000E+02
AS 12 0.20000000E+00 4
0.1017334118324E+06 0.3150730954312E-20 0.1953792565157E+00 0.7816529410978E+00
0.2593019626804E+00 0.2000000000000E+02
AS 13 0.20000000E+00 4
0.1017334118333E+06 0.4527159452866E-20 0.1953792760785E+00 0.7816529144537E+00
0.2593019626801E+00 0.2000000000000E+02
AS 14 0.20000000E+00 4
0.1017334118342E+06 0.2535722166068E-19 0.1953792878573E+00 0.7816528182298E+00
0.2593019626721E+00 0.2000000000000E+02
AS 15 0.20000000E+00 4
0.1017334118335E+06 0.2227514663643E-19 0.1953792332905E+00 0.7816529970682E+00
0.2593019626833E+00 0.2000000000000E+02
AS 16 0.20000000E+00 4
0.1017334118331E+06 0.5790264388054E-22 0.1953792357990E+00 0.7816531022996E+00
0.2593019626938E+00 0.2000000000000E+02
AS 17 0.20000000E+00 4
0.1017334118345E+06 0.6231978736168E-20 0.1953792860919E+00 0.7816528221831E+00
0.2593019626723E+00 0.2000000000000E+02
AS 18 0.20000000E+00 4
0.1017334118347E+06 0.3578383310276E-20 0.1953792987997E+00 0.7816527585835E+00
0.2593019626676E+00 0.2000000000000E+02
AS 19 0.20000000E+00 4
0.1017334118333E+06 0.6617445900620E-23 0.1953792592317E+00 0.7816530276742E+00
0.2593019626892E+00 0.2000000000000E+02
AS 20 0.20000000E+00 4
0.1017334118350E+06 0.2445973048269E-20 0.1953793173543E+00 0.7816526354988E+00
0.2593019626577E+00 0.2000000000000E+02

```

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

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AS 21      0.20000000E+00 4
0.1017334118343E+06 0.2871474774676E-19 0.1953793023191E+00 0.7816527484553E+00
0.2593019626669E+00 0.20000000000000E+02
AS 22      0.20000000E+00 4
0.1017334118343E+06 0.7113753368180E-22 0.1953792969649E+00 0.7816527893739E+00
0.2593019626703E+00 0.20000000000000E+02
AS 23      0.20000000E+00 4
0.1017334118344E+06 0.1902515508935E-22 0.1953792969578E+00 0.7816527744716E+00
0.2593019626689E+00 0.20000000000000E+02
AS 24      0.20000000E+00 4
0.1017334118345E+06 0.8867376176844E-21 0.1953792980743E+00 0.7816527660265E+00
0.2593019626682E+00 0.20000000000000E+02
AS 25      0.20000000E+00 4
0.1017334118344E+06 0.1654361325152E-22 0.1953792960103E+00 0.7816527808537E+00
0.2593019626694E+00 0.20000000000000E+02
AS 26      0.20000000E+00 4
0.1017334118344E+06 0.2353825144423E-19 0.1953792986819E+00 0.7816527669186E+00
0.2593019626683E+00 0.20000000000000E+02
AS 27      0.20000000E+00 4
0.1017334118343E+06 0.4069728587974E-20 0.1953792909697E+00 0.7816527982489E+00
0.2593019626705E+00 0.20000000000000E+02
AS 28      0.20000000E+00 4
0.1017334118343E+06 0.4491590727302E-20 0.1953792952276E+00 0.7816527764548E+00
0.2593019626689E+00 0.20000000000000E+02
AS 29      0.20000000E+00 4
0.1017334118345E+06 0.2481542837739E-23 0.1953792987470E+00 0.7816527663906E+00
0.2593019626683E+00 0.20000000000000E+02
AS 30      0.20000000E+00 4
0.1017334118345E+06 0.7064122268449E-21 0.1953792998249E+00 0.7816527602650E+00
0.2593019626678E+00 0.20000000000000E+02
AS 31      0.20000000E+00 4
0.1017334118344E+06 0.3234276166119E-21 0.1953792955138E+00 0.7816527757788E+00
0.2593019626688E+00 0.20000000000000E+02
AS 32      0.20000000E+00 4
0.1017334118345E+06 0.1256487345734E-20 0.1953792938341E+00 0.7816527858755E+00
0.2593019626696E+00 0.20000000000000E+02
AS 33      0.20000000E+00 4
0.1017334118345E+06 0.5302227736630E-21 0.1953792980623E+00 0.7816527692096E+00
0.2593019626685E+00 0.20000000000000E+02
AS 34      0.20000000E+00 4
0.1017334118345E+06 0.5422168916453E-20 0.1953793048872E+00 0.7816527403129E+00
0.2593019626665E+00 0.20000000000000E+02
AS 35      0.20000000E+00 4
0.1017334118345E+06 0.9123802054046E-21 0.1953792976674E+00 0.7816527697417E+00
0.2593019626685E+00 0.20000000000000E+02
AS 36      0.20000000E+00 4
0.1017334118344E+06 0.1106767660630E-20 0.1953792914676E+00 0.7816527938697E+00
0.2593019626702E+00 0.20000000000000E+02
AS 37      0.20000000E+00 4
0.1017334118345E+06 0.1944701589224E-20 0.1953792966295E+00 0.7816527719903E+00
0.2593019626686E+00 0.20000000000000E+02
AS 38      0.20000000E+00 4
0.1017334118345E+06 0.5848166940931E-21 0.1953792959108E+00 0.7816527737506E+00
0.2593019626687E+00 0.20000000000000E+02
AS 39      0.20000000E+00 4
0.1017334118345E+06 0.3680953735975E-21 0.1953792966032E+00 0.7816527720784E+00
0.2593019626686E+00 0.20000000000000E+02
AS 40      0.20000000E+00 4
0.1017334118345E+06 0.1571643263903E-22 0.1953792966182E+00 0.7816527720334E+00

```

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
 J1a 9/29/2011, 8:35:26AM

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0.2593019626686E+00 0.2000000000000E+02
AS 41      0.200000000E+00 4
0.1017334118346E+06 0.1720535436717E-21 0.1953792967550E+00 0.7816527718836E+00
0.2593019626686E+00 0.2000000000000E+02
AS 42      0.200000000E+00 4
0.1017334118346E+06 0.1000000000000E-29 0.1953792963659E+00 0.7816527732162E+00
0.2593019626687E+00 0.2000000000000E+02
AS 43      0.200000000E+00 4
0.1017334118345E+06 0.1000000000000E-29 0.1953792980305E+00 0.7816527668377E+00
0.2593019626683E+00 0.2000000000000E+02
AS 44      0.200000000E+00 4
0.1017334118346E+06 0.2944762990780E-21 0.1953792967541E+00 0.7816527718570E+00
0.2593019626686E+00 0.2000000000000E+02
AS 45      0.200000000E+00 4
0.1017334118345E+06 0.4847278399711E-21 0.1953792958007E+00 0.7816527753218E+00
0.2593019626688E+00 0.2000000000000E+02
AS 46      0.200000000E+00 4
0.1017334118346E+06 0.2062988416925E-20 0.1953792981173E+00 0.7816527668546E+00
0.2593019626683E+00 0.2000000000000E+02
AS 47      0.200000000E+00 4
0.1017334118346E+06 0.1000000000000E-29 0.1953792967626E+00 0.7816527718474E+00
0.2593019626686E+00 0.2000000000000E+02
AS 48      0.200000000E+00 4
0.1017334118346E+06 0.2423639204855E-21 0.1953792967517E+00 0.7816527718892E+00
0.2593019626686E+00 0.2000000000000E+02
AS 49      0.200000000E+00 4
0.1017334118346E+06 0.1268067880083E-20 0.1953792961900E+00 0.7816527739350E+00
0.2593019626687E+00 0.2000000000000E+02
AS 50      0.200000000E+00 4
0.1017334118346E+06 0.3962195144251E-21 0.1953792972234E+00 0.7816527701643E+00
0.2593019626685E+00 0.2000000000000E+02
AS 51      0.200000000E+00 4
0.1017334118346E+06 0.3540333031837E-21 0.1953792965206E+00 0.7816527727224E+00
0.2593019626687E+00 0.2000000000000E+02
AS 52      0.200000000E+00 4
0.1017334118346E+06 0.1158052957604E-22 0.1953792966820E+00 0.7816527721527E+00
0.2593019626686E+00 0.2000000000000E+02
AS 53      0.200000000E+00 4
0.1017334118346E+06 0.7444626513151E-23 0.1953792967859E+00 0.7816527717569E+00
0.2593019626686E+00 0.2000000000000E+02
AS 54      0.200000000E+00 4
0.1017334118346E+06 0.6617445900572E-23 0.1953792967698E+00 0.7816527718187E+00
0.2593019626686E+00 0.2000000000000E+02
AS 55      0.200000000E+00 4
0.1017334118346E+06 0.4963076120888E-23 0.1953792967516E+00 0.7816527718840E+00
0.2593019626686E+00 0.2000000000000E+02
AS 56      0.200000000E+00 4
0.1017334118346E+06 0.2473270041610E-21 0.1953792967522E+00 0.7816527718786E+00
0.2593019626686E+00 0.2000000000000E+02
AS 57      0.200000000E+00 4
0.1017334118346E+06 0.1158052957609E-22 0.1953792967551E+00 0.7816527718872E+00
0.2593019626686E+00 0.2000000000000E+02
AS 58      0.200000000E+00 4
0.1017334118346E+06 0.3060568276540E-21 0.1953792967514E+00 0.7816527718802E+00
0.2593019626686E+00 0.2000000000000E+02
AS 59      0.200000000E+00 4
0.1017334118346E+06 0.9999428271259E-30 0.1953792967486E+00 0.7816527718915E+00
0.2593019626686E+00 0.2000000000000E+02
AS 60      0.200000000E+00 4
  
```



# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl(11a 9/29/2011, 8:35:26AM

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0.1017334118346E+06 0.2977850305277E-22 0.1953792967357E+00 0.7816527719399E+00
0.2593019626686E+00 0.2000000000000E+02
AS 61 0.20000000E+00 4
0.1017334118346E+06 0.1000000000000E-29 0.1953792967220E+00 0.7816527719978E+00
0.2593019626686E+00 0.2000000000000E+02
AS 62 0.20000000E+00 4
0.1017334118346E+06 0.1000000000000E-29 0.1953793024757E+00 0.7816527516513E+00
0.2593019626673E+00 0.2000000000000E+02
ina 1 0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
AT 1 0.20000000E+00 4
0.1017451575952E+06 0.4033893583142E-19 0.1954031950196E+00 0.7816273558896E+00
0.1990024094650E+00 0.2000000000000E+02
AT 2 0.20000000E+00 4
0.1017451575961E+06 0.5332598439348E-19 0.1954037943690E+00 0.7816297560469E+00
0.1990024150436E+00 0.2000000000000E+02
AT 3 0.20000000E+00 4
0.1017451575969E+06 0.4861958408001E-19 0.1954040046861E+00 0.7816305946205E+00
0.1990024189071E+00 0.2000000000000E+02
AT 4 0.20000000E+00 4
0.1017451575975E+06 0.6377931849340E-19 0.1954040332996E+00 0.7816306871301E+00
0.1990024179214E+00 0.2000000000000E+02
AT 5 0.20000000E+00 4
0.1017451575979E+06 0.4819721704632E-19 0.1954040531526E+00 0.7816307573587E+00
0.1990024181936E+00 0.2000000000000E+02
AT 6 0.20000000E+00 4
0.1017451575981E+06 0.2964764837865E-19 0.1954041253211E+00 0.7816310064397E+00
0.1990024224168E+00 0.2000000000000E+02
AT 7 0.20000000E+00 4
0.1017451575980E+06 0.2804201209698E-20 0.1954041041534E+00 0.7816309126015E+00
0.1990024203113E+00 0.2000000000000E+02
AT 8 0.20000000E+00 4
0.1017451575974E+06 0.1135039135695E-19 0.1954039775309E+00 0.7816304328578E+00
0.1990024162655E+00 0.2000000000000E+02
AT 9 0.20000000E+00 4
0.1017451575977E+06 0.7357376972891E-20 0.1954041056825E+00 0.7816308794267E+00
0.1990024204387E+00 0.2000000000000E+02
AT 10 0.20000000E+00 4
0.1017451575974E+06 0.3585975414537E-19 0.1954040023976E+00 0.7816306463516E+00
0.1990024169558E+00 0.2000000000000E+02
AT 11 0.20000000E+00 4
0.1017451575974E+06 0.7241453509937E-20 0.1954038683590E+00 0.7816301681582E+00
0.1990024163203E+00 0.2000000000000E+02
AT 12 0.20000000E+00 4
0.1017451575981E+06 0.3156867708109E-20 0.1954040327084E+00 0.7816308163453E+00
0.1990024168230E+00 0.2000000000000E+02
AT 13 0.20000000E+00 4
0.1017451575989E+06 0.4529811048661E-20 0.1954040485371E+00 0.7816307934353E+00
0.1990024181618E+00 0.2000000000000E+02
AT 14 0.20000000E+00 4
0.1017451575992E+06 0.2535331056746E-19 0.1954040104061E+00 0.7816307471221E+00
0.1990024172148E+00 0.2000000000000E+02
AT 15 0.20000000E+00 4
0.1017451575994E+06 0.2227623010471E-19 0.1954040251177E+00 0.7816308566808E+00
0.1990024167647E+00 0.2000000000000E+02
AT 16 0.20000000E+00 4
0.1017451575998E+06 0.6334457890983E-22 0.1954040918322E+00 0.7816308977051E+00
0.1990024181463E+00 0.2000000000000E+02

```

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(11a 9/29/2011, 8:35:26AM

AT 17 0.20000000E+00 4  
0.1017451575995E+06 0.6220756956859E-20 0.1954040093460E+00 0.7816307503701E+00  
0.1990024170471E+00 0.20000000000000E+02

AT 18 0.20000000E+00 4  
0.1017451575994E+06 0.3577420323438E-20 0.1954039929230E+00 0.7816307159018E+00  
0.1990024169771E+00 0.20000000000000E+02

AT 19 0.20000000E+00 4  
0.1017451575997E+06 0.1000000003171E-29 0.1954040867494E+00 0.7816308515958E+00  
0.1990024178916E+00 0.20000000000000E+02

AT 20 0.20000000E+00 4  
0.1017451575989E+06 0.2450415179053E-20 0.1954039515254E+00 0.7816306527704E+00  
0.1990024165512E+00 0.20000000000000E+02

AT 21 0.20000000E+00 4  
0.1017451575989E+06 0.2870868839201E-19 0.1954039935507E+00 0.7816307086654E+00  
0.1990024170283E+00 0.20000000000000E+02

AT 22 0.20000000E+00 4  
0.1017451575992E+06 0.6751718240619E-22 0.1954040085106E+00 0.7816307292694E+00  
0.1990024171582E+00 0.20000000000000E+02

AT 23 0.20000000E+00 4  
0.1017451575992E+06 0.2189461383573E-22 0.1954039996024E+00 0.7816307232684E+00  
0.1990024170432E+00 0.20000000000000E+02

AT 24 0.20000000E+00 4  
0.1017451575992E+06 0.8891549301655E-21 0.1954039964419E+00 0.7816307191004E+00  
0.1990024170097E+00 0.20000000000000E+02

AT 25 0.20000000E+00 4  
0.1017451575992E+06 0.1544874554880E-22 0.1954040018168E+00 0.7816307264886E+00  
0.1990024170615E+00 0.20000000000000E+02

AT 26 0.20000000E+00 4  
0.1017451575991E+06 0.2354198161352E-19 0.1954039981465E+00 0.7816307188955E+00  
0.1990024170412E+00 0.20000000000000E+02

AT 27 0.20000000E+00 4  
0.1017451575992E+06 0.4067661951577E-20 0.1954040037147E+00 0.7816307369451E+00  
0.1990024170775E+00 0.20000000000000E+02

AT 28 0.20000000E+00 4  
0.1017451575991E+06 0.4494748167334E-20 0.1954039980226E+00 0.7816307251013E+00  
0.1990024170202E+00 0.20000000000000E+02

AT 29 0.20000000E+00 4  
0.1017451575992E+06 0.1728113618264E-23 0.1954039977917E+00 0.7816307187874E+00  
0.1990024170240E+00 0.20000000000000E+02

AT 30 0.20000000E+00 4  
0.1017451575992E+06 0.7114376980844E-21 0.1954039959508E+00 0.7816307155807E+00  
0.1990024170184E+00 0.20000000000000E+02

AT 31 0.20000000E+00 4  
0.1017451575992E+06 0.3240224048240E-21 0.1954039979515E+00 0.7816307247825E+00  
0.1990024170338E+00 0.20000000000000E+02

AT 32 0.20000000E+00 4  
0.1017451575993E+06 0.1259366017900E-20 0.1954040010012E+00 0.7816307301498E+00  
0.1990024170462E+00 0.20000000000000E+02

AT 33 0.20000000E+00 4  
0.1017451575992E+06 0.5323631049523E-21 0.1954039983213E+00 0.7816307203920E+00  
0.1990024170262E+00 0.20000000000000E+02

AT 34 0.20000000E+00 4  
0.1017451575991E+06 0.5439126629417E-20 0.1954039927172E+00 0.7816307039245E+00  
0.1990024170150E+00 0.20000000000000E+02

AT 35 0.20000000E+00 4  
0.1017451575992E+06 0.9066403263084E-21 0.1954039979740E+00 0.7816307208765E+00  
0.1990024170400E+00 0.20000000000000E+02

AT 36 0.20000000E+00 4  
0.1017451575993E+06 0.1116370898056E-20 0.1954040017891E+00 0.7816307349895E+00

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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0.1990024170462E+00 0.20000000000000E+02
AT 37 0.200000000E+00 4
0.1017451575992E+06 0.1951696132841E-20 0.1954039975687E+00 0.7816307224925E+00
0.1990024170094E+00 0.20000000000000E+02
AT 38 0.200000000E+00 4
0.1017451575992E+06 0.5948789849546E-21 0.1954039974095E+00 0.7816307236934E+00
0.1990024170222E+00 0.20000000000000E+02
AT 39 0.200000000E+00 4
0.1017451575992E+06 0.3526508811549E-21 0.1954039975770E+00 0.7816307225460E+00
0.1990024170258E+00 0.20000000000000E+02
AT 40 0.200000000E+00 4
0.1017451575992E+06 0.3723224077671E-23 0.1954039975754E+00 0.7816307225176E+00
0.1990024170229E+00 0.20000000000000E+02
AT 41 0.200000000E+00 4
0.1017451575993E+06 0.1705489469131E-21 0.1954039975671E+00 0.7816307225130E+00
0.1990024170174E+00 0.20000000000000E+02
AT 42 0.200000000E+00 4
0.1017451575993E+06 0.4711346167964E-24 0.1954039977073E+00 0.7816307233162E+00
0.1990024170194E+00 0.20000000000000E+02
AT 43 0.200000000E+00 4
0.1017451575992E+06 0.6701767849841E-25 0.1954039968523E+00 0.7816307194574E+00
0.1990024170103E+00 0.20000000000000E+02
AT 44 0.200000000E+00 4
0.1017451575993E+06 0.2878983028891E-21 0.1954039975497E+00 0.7816307225029E+00
0.1990024170181E+00 0.20000000000000E+02
AT 45 0.200000000E+00 4
0.1017451575993E+06 0.4958622547202E-21 0.1954039980126E+00 0.7816307245514E+00
0.1990024170222E+00 0.20000000000000E+02
AT 46 0.200000000E+00 4
0.1017451575993E+06 0.2058111795529E-20 0.1954039968591E+00 0.7816307195543E+00
0.1990024170221E+00 0.20000000000000E+02
AT 47 0.200000000E+00 4
0.1017451575993E+06 0.1000000000232E-29 0.1954039975583E+00 0.7816307224932E+00
0.1990024170090E+00 0.20000000000000E+02
AT 48 0.200000000E+00 4
0.1017451575993E+06 0.2348238314911E-21 0.1954039975649E+00 0.7816307225175E+00
0.1990024170237E+00 0.20000000000000E+02
AT 49 0.200000000E+00 4
0.1017451575993E+06 0.1275663804777E-20 0.1954039978402E+00 0.7816307237262E+00
0.1990024170373E+00 0.20000000000000E+02
AT 50 0.200000000E+00 4
0.1017451575993E+06 0.3865634831473E-21 0.1954039973294E+00 0.7816307214997E+00
0.1990024170195E+00 0.20000000000000E+02
AT 51 0.200000000E+00 4
0.1017451575993E+06 0.3556291157265E-21 0.1954039976731E+00 0.7816307230114E+00
0.1990024170207E+00 0.20000000000000E+02
AT 52 0.200000000E+00 4
0.1017451575993E+06 0.1013777380465E-24 0.1954039976048E+00 0.7816307226714E+00
0.1990024170259E+00 0.20000000000000E+02
AT 53 0.200000000E+00 4
0.1017451575993E+06 0.2616981952219E-24 0.1954039975435E+00 0.7816307224408E+00
0.1990024170201E+00 0.20000000000000E+02
AT 54 0.200000000E+00 4
0.1017451575993E+06 0.1000000000232E-29 0.1954039975533E+00 0.7816307224767E+00
0.1990024170172E+00 0.20000000000000E+02
AT 55 0.200000000E+00 4
0.1017451575993E+06 0.1235647864252E-22 0.1954039975616E+00 0.7816307225155E+00
0.1990024170208E+00 0.20000000000000E+02
AT 56 0.200000000E+00 4

```

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(01a 9/29/2011, 8:35:26AM

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0.1017451575993E+06 0.2553536532169E-21 0.1954039975594E+00 0.7816307225129E+00
0.1990024170221E+00 0.2000000000000E+02
AT 57 0.20000000E+00 4
0.1017451575993E+06 0.8886903316969E-23 0.1954039975694E+00 0.7816307225144E+00
0.1990024170195E+00 0.2000000000000E+02
AT 58 0.20000000E+00 4
0.1017451575993E+06 0.2998504454480E-21 0.1954039975590E+00 0.7816307225141E+00
0.1990024170246E+00 0.2000000000000E+02
AT 59 0.20000000E+00 4
0.1017451575993E+06 0.10000000000003E-29 0.1954039975609E+00 0.7816307225206E+00
0.1990024170245E+00 0.2000000000000E+02
AT 60 0.20000000E+00 4
0.1017451575993E+06 0.2987454056012E-22 0.1954039975681E+00 0.7816307225489E+00
0.1990024170297E+00 0.2000000000000E+02
AT 61 0.20000000E+00 4
0.1017451575993E+06 0.1000000000000E-29 0.1954039975797E+00 0.7816307225816E+00
0.1990024170139E+00 0.2000000000000E+02
AT 62 0.20000000E+00 4
0.1017451575992E+06 0.2051507485301E-26 0.1954039952733E+00 0.7816307102953E+00
0.1990024170183E+00 0.2000000000000E+02
ina 0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 1 0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 2 0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 3 0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 4 0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 5 0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 6 0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 7 0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 8 0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 9 0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 10 0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 11 0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 12 0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02

```

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mgl  
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A1 13	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 14	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 15	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 16	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 17	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 18	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 19	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 20	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 21	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 22	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 23	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 24	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 25	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 26	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 27	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 28	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 29	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 30	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 31	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00
	0.2250023823973E+00	0.20000000000000E+02	
A1 32	0.20000000E+00 4		
	0.10130000000000E+06	0.00000000000000E+00	0.20000000000000E+00 0.80000000000000E+00

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(

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0.2250023823973E+00 0.2000000000000E+02
A1 33      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 34      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 35      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 36      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 37      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 38      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 39      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 40      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 41      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 42      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 43      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 44      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 45      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 46      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 47      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 48      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 49      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 50      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 51      0.20000000E+00 4
0.1013000000000E+06 0.0000000000000E+00 0.2000000000000E+00 0.8000000000000E+00
0.2250023823973E+00 0.2000000000000E+02
A1 52      0.20000000E+00 4

```

# TMVOC Initial Conditions (INCON) File

File: C:\Documents and Settings\mastersonkk\My Documents\GEDIT\Documents\CDMRpt\AppendixA\INCON.mg1(

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```

0.10130000000000E+06 0.00000000000000E+00 0.20000000000000E+00 0.80000000000000E+00
0.2250023823973E+00 0.20000000000000E+02
A1 53      0.20000000E+00 4
0.10130000000000E+06 0.00000000000000E+00 0.20000000000000E+00 0.80000000000000E+00
0.2250023823973E+00 0.20000000000000E+02
A1 54      0.20000000E+00 4
0.10130000000000E+06 0.00000000000000E+00 0.20000000000000E+00 0.80000000000000E+00
0.2250023823973E+00 0.20000000000000E+02
A1 55      0.20000000E+00 4
0.10130000000000E+06 0.00000000000000E+00 0.20000000000000E+00 0.80000000000000E+00
0.2250023823973E+00 0.20000000000000E+02
A1 56      0.20000000E+00 4
0.10130000000000E+06 0.00000000000000E+00 0.20000000000000E+00 0.80000000000000E+00
0.2250023823973E+00 0.20000000000000E+02
A1 57      0.20000000E+00 4
0.10130000000000E+06 0.00000000000000E+00 0.20000000000000E+00 0.80000000000000E+00
0.2250023823973E+00 0.20000000000000E+02
A1 58      0.20000000E+00 4
0.10130000000000E+06 0.00000000000000E+00 0.20000000000000E+00 0.80000000000000E+00
0.2250023823973E+00 0.20000000000000E+02
A1 59      0.20000000E+00 4
0.10130000000000E+06 0.00000000000000E+00 0.20000000000000E+00 0.80000000000000E+00
0.2250023823973E+00 0.20000000000000E+02
A1 60      0.20000000E+00 4
0.10130000000000E+06 0.00000000000000E+00 0.20000000000000E+00 0.80000000000000E+00
0.2250023823973E+00 0.20000000000000E+02
A1 61      0.20000000E+00 4
0.10130000000000E+06 0.00000000000000E+00 0.20000000000000E+00 0.80000000000000E+00
0.2250023823973E+00 0.20000000000000E+02
A1 62      0.20000000E+00 4
0.10130000000000E+06 0.00000000000000E+00 0.20000000000000E+00 0.80000000000000E+00
0.2250023823973E+00 0.20000000000000E+02

```